Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

62.61

THORBURN'S BULBS

1915

ESTABLISHED 1802

J. M. THORBURN AND COMPANY
53 BARCLAY ST. THROUGH TO
54 PARK PLACE NEW YORK

Grass Seed for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the middle of September, so that the young grass may become well rooted before winter sets in. The sowing should be done when the ground is moist or before expected rain; after sowing the ground should be rolled.

The Thorburn Lawn Grass

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich greensward in three or four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 4 to 5 bushels to the acre. Per pt. 15 cts., qt. 25 cts., 2 qts. 45 cts., ½ pk. 75 cts., pk. $1.40, bus. of 20 lbs. $5.

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 22 lbs. $7.

Thorburn's Grass Mixture for Terraces

A mixture of fine stoloniferous grasses peculiarly adapted to terraces. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places. Per qt. 35c., 2 qts. 60c., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are, therefore, peculiarly adapted to southern lawns. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.50.

Also Permanent Grass Seed for Golf-Links, Tennis Courts Polo-Grounds, etc.

We have devoted much attention to the seeding and preservation of golf-links, tennis-courts and polo-grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in this country with very satisfactory results.

Tennis-Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Grass Mixture for Railroad Banks, etc.

A mixture of grasses with long, interlacing, matting roots that will bind steep embankments, gravelly or sandy slopes, etc., preventing washouts by rainstorms and covering them with permanently green turf. Per qt. 30 cts., 2 qts. 50 cts., ½pk. 80 cts., pk. $1.25, bus. of 18 lbs. $4.50.

Fair-Green or Golf-Links Mixture

For the grounds in general. Per bus. of 20 lbs. $4.

Putting-Green Mixture

A mixture of extra-fine grasses that will make a close, firm, green and lasting turf, which will improve with trampling. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 24 lbs. $7.

Polo-Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. Per bus. of 20 lbs. $4.

Transferred from the Library of Congress under Sec. 59, Copyright Act of Mch. 4, 1909

©CLA412321

ESTABLISHED 1802
INCORPORATED 1894

Season, 1915

J. M. THORBURN & CO.

CATALOGUE

OF

Bulbs and Flowering Roots, also Flower and Vegetable Seeds for Fall Planting

We have the pleasure of again presenting to our old friends and all interested in Gardening, our **ANNUAL CATALOGUE** of **Bulbs,** etc., for **Fall Planting.**

Even the most superficial lover of Nature must admit that the cultivation of **BULBS** for Winter and Spring flowering is a peculiarly interesting attraction, whether, when grown indoors, or scattered profusely throughout the extensive grounds of a country residence, or planted in and about the small suburban garden.

When the average man sees a pretty bed of Hyacinths, Tulips, or other showy Bulbs, in the Spring, he generally determines to have "something like that" in his own front or back garden next year, but when September or October arrives he is apt to forget all about the pretty bed until the Spring displays appear again. Therefore—order your Bulbs **EARLY** and plan out the beds for them now.

Bulbs may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early Spring months are also from bulbs planted in the Autumn. The cultural directions found under the respective headings are worthy of careful attention.

Our bulbs are all selected, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. *We often receive orders with either the name or the address of the sender omitted. As we can no nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.*

ORDERS should be sent as soon as possible after receipt of this catalogue. *The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come.* Orders received earliest are sure of being filled in full. If left too late, the supply of some of the varieties may be exhausted.

Copyright, 1915, by J. M. Thorburn & Co.

Prices, as will be seen upon comparison with others are as low as Highest Grade Bulbs can be sold at, and do not include transportation.

We indicate under each heading of the various Bulbs, the mailing weight when packed, so that if wanted by parcel post, our Customers can determine the amount required to be added for postage according to Zone rate, as per table below.

The weights given are those taken from our stock last year, and may vary in some instances; should there be any difference in weight when orders are filled, the postage will be adjusted, and any amounts over remitted will be returned.

On shipments of 15 lbs. and upwards it is best to send by express, wherever possible, as by special arrangements with the express companies, bulbs travel at a reduction of 25 per cent. from regular rates; it is therefore both safer, and, in nearly all cases, cheaper, to send large packages by express instead of by mail.

PARCEL-POST ZONE RATES

Within the United States

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	50 miles of N.Y.City	5c	1c
2d	50 to 150 miles of N.Y.City	5c	1c
3d	150 to 300 miles of N.Y.City	6c	2c
4th	300 to 600 miles of N.Y.City	7c	4c
5th	600 to 1,000 miles of N.Y.City	8c	6c
6th	1,000 to 1,400 miles of N.Y.City	9c	8c
7th	1,400 to 1,800 miles of N.Y.City	11c	10c
8th	1,800 and over miles of N.Y.City	12c	12c

Maximum weight, 50 lbs. to 1st and 2d zones, and 20 lbs. from the 3d zone upward.

Postage on packages under 8 ounces, 1c. for each 2 ounces, or fraction, above 8 ounces. Zone rates apply.

Postage to Canada, 12c. per pound, or fraction, maximum weight, 4 pounds, 6 ounces.

J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please address all orders and remittances to

J. M. THORBURN & CO.

53 Barclay Street and 54 Park Place,

NEW YORK

F. W. BRUGGERHOF, President

SEP -3 1915

Hyacinths

THESE BULBS ARE READY FOR DELIVERY IN SEPTEMBER

If to be sent by mail add postage at zone rates

The Hyacinth is one of the most popular and beautiful spring-flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height, and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to anyone suitable sorts, when desired.

OUTSIDE CULTURE. In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rotted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth too firmly around and over the bulbs. Some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field-mice which may burrow into it.

CULTURE IN POTS. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibrous loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September to the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rain-water should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten to twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Customers unacquainted with the different varieties will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortments of Named Hyacinths of our selection offered on page 4, and to the Hyacinth Glasses which are quoted at the end of the catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland, and they are not sold under fancy names manufactured in this country

Select Named Dutch Hyacinths

N. B. Our Select Named Hyacinths are the cream of the Holland nurseries—and are called top-roots—under their original names. **For forcing in pots or for outdoor beds they far surpass the class of Bulbs usually sold.**

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses. The double varieties are distinguished by an asterisk (*), and those of them that do well for forcing in water, by two asterisks (**).

Not less than six of one kind sold at the dozen rate

If to be sent by mail add postage at zone rates—weight, 4 lbs. per doz.

Named Blue Hyacinths

	Each	Doz.
Baron Van Thuyll. Fine deep blue	$0 12	$1 25
Bismarck. Sky blue; very broad spike; good forcer	20	2 00
****Blocksberg.** Double; light blue; large spike.	15	1 50
Captain Boyton. Sky-blue; large bells and truss	15	1 50
Charles Dickens. Blue; early	15	1 40
Czar Peter. Light porcelain-blue and lavender	15	1 50
Enchantress. Pale porcelain, tinted lilac, light center	12	1 25
***Garrick.** Double; bright blue	15	1 50
***General Kohler.** Double; bright blue; large spike; fine forcer	15	1 50
Grand Maitre. Large truss; deep porcelain-blue; extra fine	15	1 40
Grand Lilas. Silvery lilac; fine spike	15	1 50
Johan. Clear blue; large bells	15	1 50
King of the Blues. Dark blue; extra-large spike	20	2 00
La Peyrouse. Clear porcelain-blue	15	1 50
***Laurens Koster.** Double fine dark blue	20	2 00
Lord Derby. Light porcelain-blue	15	1 50
***Lord Wellington.** Double; blue dark center	15	1 50
Marie. Dark blue; large spike	15	1 40
Princess Wilhelmina. Lavender.	15	1 50
Queen of the Blues. Light blue	15	1 40
Regulus. Light blue; large bells and spike	15	1 50
***Van Speyk.** Double; light blue, large bells	15	1 50

Single Hyacinth, Queen of the Blues (Light blue)

Single Hyacinth, Gigantea; (Blush-pink)

Named Pure and Blush-White Hyacinths

If to be sent by mail add postage at zone rates—4 lbs. per dozen.

	Each	Doz.
Alba superbissima. Pure white	$0 20	$2 00
Albertine. Pure white; early. Fine forcer	15	1 50
Arentine Arendsen. Pure white; early	15	1 50
Baroness Van Thuyll. Pure white; large truss; very early	12	1 25
***Bouquet Royal.** Double; pure white	15	1 50
Grandeur a Merveille. Rosy white; large, well-formed spike.	12	1 25
Hein Roozen. New; fine, large, pure white	20	2 00
***Isabella.** Double; rosy white; grand spike	15	1 50
La Franchise. Fine waxy white; large bells	12	1 25
La Grandesse, Single. Pure white; extra	20	2 00
***La Grandesse. Double.** Pure white; strong; waxy, very double bells	15	1 50
***La tour d'Auvergne.** Double; pure white	15	1 50
****La Virginite.** Double; blush-white; fine forcer	15	1 50
L'Innocence. Pure white; large truss	15	1 50
Madame Van der Hoop. Pure waxy white	15	1 50
Mr. Plimsoll. Pure white; large truss.	15	1 50
Paix de l'Europe. Pure white; large spike. Fine forcer	15	1 50
***Sceptre d'Or.** Double, pure white; yellow center	15	1 50
Snowball. Pure white; large bells	15	1 50

Named Red, Crimson and Pink Hyacinths

Mailing weight 4 lbs. per doz.	Each	Doz.
Amy. Carmine	$0 12	$1 25
***Bouquet, Royal.** Double; rose; fine	15	1 50
Cardinal Wiseman. Bright rose; immense spike	15	1 50
***Chestnut Flower.** Double; rose; large bells	15	1 50
De Wet. Very fine; light rose; broad spike	20	2 00
Duchess of Albany. Fine bright crimson	20	2 00
Garibaldi. Glowing crimson-red	20	2 00
Gertrude. Bright pink; fine, compact spike. One of the best for in- or out-of-doors	12	1 25
Gigantea. Blush-pink; large truss	12	1 25
****Grootvorst.** Double; blush; large truss and bells	15	1 50
***Koh-i-noor.** Semi-double; deep rose	15	1 50
La Victoire. Deep scarlet-red; fine spike	15	1 50
Lady Derby. Bright rose-pink; very large spike	20	2 00
***Lord Wellington.** Double; delicate rosy-blush	15	1 50
Moreno. Deep waxy pink	15	1 50
****Noble par Merite.** Double; deep rose; fine	15	1 50
Norma. Delicate waxy pink	12	1 25
Ornement Rose. Pale rose; broad spike	15	1 50
Pink Perfection. Pale rose, striped pink	15	1 50
Robert Steiger. Fine deep crimson	12	1 25
Roi des Belges. Deep crimson-scarlet; fine truss	15	1 50
Rosy Gem. Deep rose; large bells	15	1 50
***Sir Walter Scott.** Double; light rose	15	1 50

Named Lilac and Mauve Hyacinths

Mailing weight, 3 lbs. per doz.	Each	Doz.
Haydn. Lilac; large spike	$0 15	$1 60
L'Esperance. Dark violet; very showy; good truss; late	20	2 00
Lord Balfour. Purple; large spike	15	1 60
Mauve Queen. Purplish; fine truss	15	1 60
Sir William Mansfield. Fine mauve	15	1 60

Named Yellow and Orange Hyacinths

Mailing weight, 4 lbs. per doz.	Each	Doz.
Ball of Gold. Golden-yellow	$0 15	$1 60
***Bouquet Orange.** Double; orange-yellow	15	1 60
Buff Beauty. Citron-yellow	15	1 60
City of Haarlem. Pure yellow; large truss; extra fine	20	2 00
****Goethe.** Double; pale yellow	15	1 60
Ida. Light yellow; large spike	15	1 50
King of the Yellows. Bright yellow	15	1 60
MacMahon. Pure yellow; large spike and bells	15	1 60
***Minerva.** Double; orange	15	1 50
Primrose Perfection. Primrose-yellow; fine bells	15	1 60
***Sunflower.** Double; yellow, salmon-tinted	15	1 60
***Van Speyk.** Double; golden-yellow	15	1 60
Yellow Hammer. Golden yellow; good spike	15	1 50

Collections of Dutch Hyacinths, Our Selection

Mailing weight, 4 lbs. per doz.	Each Collection
No. 1. 12 **Named Hyacinths,** for house culture in pots and glasses	$1.50
No. 2. 12 **Extra-fine Named Hyacinths,** for house culture in pots and glasses	2 00
No. 3. 50 **Fine Named Double** and **Single Hyacinths,** in 10 varieties	5 00
No. 4. 100 **Fine Named Double** and **Single Hyacinths,** in 25 varieties	9 00

Mixed Dutch Hyacinths in Separate Colors, Extra Quality

LARGEST BULBS. SUITABLE EITHER FOR FORCING OR BEDDING

If to be sent by mail add postage at zone rates—2 lbs. doz., 16 lbs. 100.

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

Not less than 1 dozen of a color at dozen rates, 25 of a color at 100 rate

	Doz.	100
Single Dark Blue	$0 50	$3 25
Single Light Blue	50	3 25
Single Blue. All shades	50	3 25
Single Dark Red	50	3 25
Single Rose and Pink. All shades	50	3 25
Single Red. All shades	50	3 25
Single Pure White	50	3 25
Single Blush-White	50	3 25
Single White. All shades	50	3 25
Single Yellow. All shades	50	3 25
Single MIXED COLORS..1,000, $32	50	3 25

	Doz.	100
Double Dark Blue	$0 60	$3 50
Double Light Blue	60	3 50
Double Blue. All shades	60	3 50
Double Dark Red	60	3 50
Double Rose and Pink. All shades	60	3 50
Double Red. All shades	60	3 50
Double Pure White	60	3 50
Double Blush-White	60	3 50
Double White. All shades	60	3 50
Double Yellow. All shades	60	3 50
Double MIXED COLORS..1,000, $35	60	3 50

Italian Hyacinths

Mailing Weight, 1 lb. doz., 8 lbs. 100.

Grown largely by florists for cutting. The flowers are single, very graceful and fragrant, and produced abundantly. They are hardier than the Romans, and may be planted outside in the fall for flowers for early spring cutting.

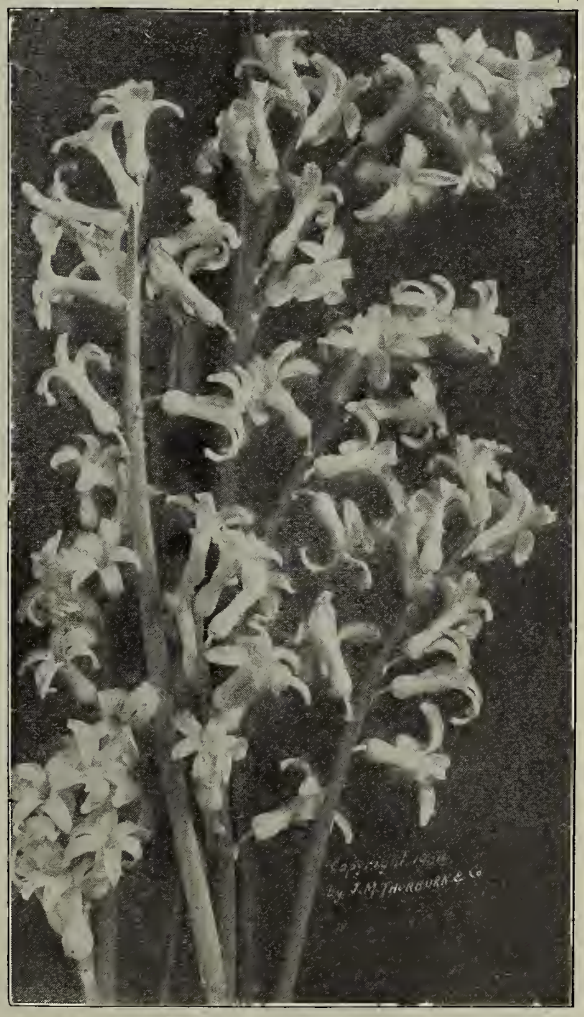
	Doz.	100
Single White	$0 60	$4 50
Single Pink	60	4 50

French Roman Hyacinths

Mailing Weight, 2 lbs. per doz.; 9 lbs. per 100

Extensively used by florists for forcing cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown, and extremely early, and by making successive plantings they may be had in flower all through the winter. The blue Roman Hyacinths flower from one to two weeks later than the white variety.

	Each	Doz.	100
Pure White. First size	$0 10	$0 85	$5 50
Pure White. Ex. size bulbs.	15	1 25	7 00
Single Blue	06	60	4 00



French Roman Hyacinths

Miniature Hyacinths

Mailing Weight, 2 lbs. doz.; 10 lbs. 100.

These are also known as **"Dutch Roman"** and **"Pan Hyacinths."** They are very suitable for growing in groups in pots or earthen pans.

White, Bright Red, Blue all shades. 5 cts. each, 50 cts. per doz., $3.50 per 100.

Mixed Colors. 45 cts. per doz., $3.00 per 100.

Tulips

READY FOR DELIVERY IN SEPTEMBER

If to be sent by mail add postage at zone rates

For beauty of form and brilliancy of coloring, Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and height, medium or tall, to which they grow, so that purchasers may select suitable sorts for forming display beds in design. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE.—The cultural directions given for hyacinths, on page 3, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. To obtain the best results it is desirable that they should not be planted in ground where Tulips were grown the previous year. We recommend **early planting** so that the bulbs may obtain a good root growth before frost sets in. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open ground.

Duc Van Thol Tulips

Six of a kind at dozen rate, 50 of a kind at 100 rate

If to be sent by mail add postage at zone rates—1 lb. doz., 6 lbs. 100.

The Duc Van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the Single Early Tulips.

	Doz.	100
Red. Bordered with yellow	$0 45	$2 50
Rose. Milky white, shading to beautiful rose	45	2 50
Scarlet. Dazzling scarlet	40	2 50
Crimson. Bright crimson	35	2 00
Yellow. Citron-yellow	40	2 50
White. Clear, satiny white	30	1 75
White Maximum, improved White Duc. Very early and larger flower	35	2 00
Double Red, Yellow-bordered	30	1 75

Single Early Tulips

Not less than six of a kind sold, unless otherwise specified; 50 of a kind at 100 rate

If to be sent by mail add postage at zone rates—2 lbs. doz., 9 lbs. 100.

A, B and C indicate seasons of flowering. A and B may be planted to flower about the same time in the open ground; C flowers later. "Medium" and "Tall" indicate relative height.

	Doz.	100	1,000
B **Artus.** Bright scarlet; medium. Fine bedder	$0 30	$1 25	$ 9 00
A **Belle Alliance** (Waterloo). Rich scarlet; medium. Fine forcer or bedder	35	2 25	14 00
B **Brutus.** Red and orange; medium	30	1 75	10 00
A **Canary-Bird.** Pure yellow; tall. Fine for forcing	30	2 00	12 00
C **Cardinals Hat,** red, medium	30	1 75	
A **Chrysolora.** Splendid; pure yellow; medium. Good forcer or bedder	30	2 00	12 00
B **Cottage Boy.** Yellow, orange edge; medium. Fine bedder	50	3 00	
B **Cottage Maid.** Beautiful rose, flushed white; medium. For forcing or bedding	30	1 75	10 00
B **Couleur Ponceau.** Rosy red, shaded white; tall	30	2 00	12 00
B **Cramoisi Brillant.** Deep crimson-scarlet; medium	30	2 00	
A **Crimson King** (Roi Cramoisi). Bright crimson; fine; medium	30	1 75	10 00
A **De Wet.** Beautiful golden, distinct shade; tall.....each 60c	6 00		
B **Duchesse de Parma.** Orange-scarlet, yellow border; tall. Forcer and bedder	30	2 00	12 00
B **Dusart.** A splendid dark scarlet; medium. Unsurpassed for bedding	35	2 25	
B **Enchantress.** Wine-red, paler edge; large flower; medium....each 35c	2 50		
A **Flamingo.** Brilliant rosy carmine; medium; excellent forcer....each 15c	1 00	6 00	
B **Goldfinch.** Pure yellow; sweet-scented; medium. Early forcer	35	2 00	

SINGLE EARLY TULIPS, continued
If to be sent by mail add postage at zone rates

	Doz.	100	1,000
A **Golden Queen.** Pure yellow; very showy; tall	$0 60	$4 00	
A **Jenny.** Deep cherry; fine shape; medium	60	4 50	
A **Joost Van Vondel.** Cherry-red, feathered white; medium	50	3 00	
B **Keizerkroon.** Crimson, yellow border; tall. Fine forcer or bedder	50	3 00	$20 00
A **La Reine.** Rosy white; medium. Fine forcer	35	2 00	12 00
B **La Grandeur.** Bright scarlet; tall	60	4 00	
A **La Reine** (Queen Victoria). Rosy white; medium. Fine forcer..	35	2 00	12 00
A **L'Immaculee.** Pure white; medium. Very fine forcer; early	35	2 00	12 00
A **Mon Tresor.** Large; pure yellow; extra fine; tall. Early forcer	50	3 00	
A **Ophir d'Or.** Golden yellow; large flower; medium. Good bedder	50	3 00	
B **Pink Beauty.** Deep, glowing rose, with white flush outside; very handsome; medium	1 00	6 00	
A **Pottebakker, Pure Yellow.** Very fine; tall	60	3 50	20 00
A **Pottebakker, White.** White; tall. Fine forcer	60	3 50	
C **Pottebakker, Scarlet.** Very effective; bright scarlet; tall. Forcer	35	2 25	
B **President Lincoln.** Purplish mauve; medium	60	4 00	
B **President Taft.** Beautiful silvery Cerise on white ground; medium	$2 00	$12 00	
A **Primrose Queen.** Primrose-yellow; medium	50	2 75	
B **Prince of Austria.** Splendid orange-red; very fragrant; tall. Extra fine for forcing	50	2 75	
A **Princess Marianne.** Rosy white; medium; fine bedder	30	2 00	
A **Prosperity.** Delicate rose-pink; medium ....each, 30c...	2 50	12 00	
A **Proserpine.** Extra fine; rosy carmine; medium. Forcer..	60	4 50	
A **Queen of the Netherlands.** Beautiful egg-shaped flower; soft rose, flushed white; extra fine; tall	50	3 00	

Single Early Tulip
Rose Luisante

Bouton d'Or and Picotee (Maiden's Blush)
(See page 8)

	Doz.	100	1,000
A **Queen Victoria.** White shaded pink, medium. Good forcer.	$0 30	$1 50	
B **Queen of the Whites.** Pure white; medium	50	3 25	
B **Rising Sun.** Large flower on tall stem. Color, deep golden yellow. Tall	2 50	16 00	
B **Roi Cramoisi.** Bright crimson. Medium	30	1 75	
B **Rosa Mundi (Huikman).** Rose and cream; tall	35	2 00	$12 00
B **Rose Gris-de-Lin.** Delicate rose, flushed white; medium. Fine forcer and bedder	30	1 50	
B **Rose Luisante.** Deep rose; fine; medium	50	3 25	
B **Thomas Moore.** Terra-cotta, shaded golden; tall. Fine bedder	30	1 75	
B **Van der Neer.** Violet; large flower; medium	90	6 00	
A **Vermilion Brilliant.** Most brilliant vermilion; tall. Fine for pots and for forcing	50	3 25	
B **Washington.** Silvery white; medium. Fine bedder and forcer	50	3 25	
A **White Hawk.** Large; pure white; medium. Fine for forcing	50	3 25	
B **White Swan.** Pure white; true egg-shaped variety; tall	35	2 50	
B **Yellow Prince** (Golden Prince). Bright yellow; sweet-scented; medium. Forcer	35	2 00	$12 00
Mixed Early Single, Thorburn's Special Mixture. Extra choice	30	1 50	9 00

Single Late-Flowering and Cottage Tulips

Six of a kind at dozen rate, 50 of a kind at 100 rate.

If to be sent by mail add postage at zone rates—2 lb. doz.; 9 lb. 100.

These are all tall-growing, May-flowering Tulips with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. Splendid for cutting rather than for design bedding.

	Doz.	100
Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting	$0 35	$2 50
Bridesmaid (Maid of Holland) Cherry-rose, flaked white	35	2 00
Caledonia. Orange-scarlet, center greenish black	35	2 50
Cloth of Gold. Yellow and gold	1 25	7 00
Elegans. Dark Crimson	50	3 00
Fulgens. Crimson	50	3 00
Gesneriana major. Scarlet, with blue base; effective in beds; fine for cutting	40	2 50
Gesneriana rosea. Rosy carmine, black base	35	2 00
Golden Eagle, or **Yellow Gesneriana.** Golden yellow	40	2 50
Inglescombe Pink. Delicate rose-pink	50	3 00
Isabella (Blushing Bride, or Shandon Bells). Cream, turning carmine-rose; fine late sort	40	2 50
La Merveille. Salmon-rose, shaded orange-red; flowers of great size; elegant pitcher-shaped when closed; sweet-scented; magnificent	30	1 75
Parisian Yellow. Clear yellow	50	3 00
Picotee (Maiden's Blush). White, with rose edge	35	2 00
Rosalind. Rose, with white base; very lovely	40	2 50
Sweet Nancy. White, edged rose	35	2 00
Yellow (Golden) Crown. Yellow edged with red	30	1 75

Double Tulips

Six of a kind at dozen rate, 50 at 100 rate.

If to be sent by mail add postage at zone rates—1 lb. doz., 5 lbs. 100.

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some sorts are quite dwarf. Comparative earliness of flowering is indicated by the letters A B C. "Medium" and "tall" indicate relative height.

Double Tulips, Rex rubrorum (Bright scarlet), La Candeur (White)

	Doz.	100
B **Alba maxima.** Pure white; early; medium	$0 35	$2 00
A **Blanche Hative.** Pure white; early	50	3 00
A **Cochineal.** Vermilion-scarlet; medium. Fine forcer	60	3 50
A **Couronne d'Or.** Beautiful orange-yellow; large, handsome flower; medium. Fine forcer	70	4 00
B **Duke of York.** Violet, white border; tall	35	2 00
B **Gloria Solis.** Scarlet red, yellow bordered	35	2 00
A **Golden King.** Soft yellow; very fine; medium .....each 30c	2 25	
B **Imperator rubrorum.** Rich crimson-scarlet; early; tall. Fine forcer	60	3 50
B **La Candeur.** White, green-tipped; medium. Fine for bedding with Rex rubrorum	35	2 00
B **La Grandesse.** Deep rose.	60	3 50
B **Lady Palmerston.** Rosy white	30	1 50
B **Murillo.** Blush-white; medium. Fine for forcing; early	35	2 00
B **Queen Emma.** Brilliant deep cherry rose	60	3 50
B **Rex rubrorum.** Brilliant scarlet; tall. Fine for bedding with La Candeur	50	3 00
A **Rose de la Montagne.** White flushed pink, fine for forcing; semi-double	35	2 00
B **Rubra maxima.** Deep red; splendid flower; medium. Early forcer	40	2 50
A **Salvator Rosa.** Deep rose; extra; medium	60	3 00
A **Tournesol.** Red, yellow edge; earliest; medium	75	4 50
A **Tournesol, Yellow.** Orange-shaded; very early	60	3 50
A **Vuurbaak.** Orange-scarlet; medium	60	3 50
C **Yellow Rose.** Pure golden yellow; late-flowering; sweet-scented; tall	35	2 00
Mixed Early Double, Thorburn's Special Mixture .....per 1,000, $10	30	1 50

Darwin Tulips

If to be sent by mail add postage at zone rates—1 lb. doz., 6 lbs. 100.

They grow very tall, with large flowers of fine form. Being borne on very long stems, they are excellent for cutting to put in vases for house decoration. They are all single, self-colored and of great brilliancy.

	Doz.	100
Allard Pierson. Blood red	$0 75	$4 00
Ant Roozen. Large flowering rosy pink	75	4 00
Asa Gray. Dark carmine	60	3 25
Auber. Dark maroon	60	3 25
Baronne de la Tonnaye. Blush-rose	50	3 00

Darwin Tulips, continued

If to be sent by mail add postage at zone rates	Doz.	100
Calliope. Rose	$0 60	$3 25
Calistre. Rosy lilac, blush-rose at margin	75	4 00
Carl Becker. Rosy lilac tinted salmon	75	4 00
Carminea. Glowing rose, shaded carmine	60	3 25
Clara Butt. Salmon-rose	50	3 00
Donders. Dark blood red, blue black and white center	60	3 25
Early Dawn. Violet-rose	75	4 50
Edouard Andre. Outside purple, inside mauve	60	3 50
Europe. Salmon-scarlet	75	4 00
Fanny. Flesh color, white center marked blue; large flower	60	3 50
Flambeau. Scarlet, blue center	60	3 25
G. de Cordous. Brilliant scarlet; fine for cutting	60	3 50
Glory. Brilliant scarlet; fine	75	4 00
Glow. Blue, light center	75	4 00
Harry Veitch. Dark brown-red	60	3 25
Kate Greenaway. White and lilac	60	3 25
King Harold (Mahoney). Dark maroon scarlet; large	60	3 25
Loveliness. Rosy carmine	75	4 00
Margaret (Gretchen). Blush-white; globular form	35	2 00
Massachusetts. Vivid pink, with white center	90	5 00
Mr. Farncombe Sanders. Scarlet and white	90	5 00
Nauticus. Cherry-rose, violet center	60	3 25
Nora Ware. Heliotrope; very fine	60	3 50
Ouida. Fiery red; very fine	75	4 50
Phocia. Deep blood-red	75	4 50
Phyllis. Creamy white; flushed rosy lilac	60	3 25
Pride of Haarlem. Old-rose; large flower	60	3 25
Queen of Roses. Rose; extra	60	3 50
Rev. Ewbank. Heliotrope lilac, with paler edge	90	5 00
Romano. Soft cherry-red; very fine	60	3 50
Salmon King. Fiery salmon; one of the brightest shades	75	4 00
The Sultan. Glossy maroon-black	40	2 50
White Queen. White, passing to pink	60	3 50
William Pitt. Deep scarlet, tinted purple blue and white center	90	5 00
Mixed Darwins. Self-colored....per 1,000, $14..	30	2 00

Darwin Tulips, Clara Butt (Salmon-rose)

Parrot Tulips

For outdoor cultivation. The petals of these have feathered edges, and, in addition to other colors, combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant colors, and form very effective groups for the flower-border. To get the best results they must have the full effect of the sun. **Very late-flowering.**

	Doz.	100
Cafe Brun. Purplish brown and yellow	$0 30	$1 75
Constantinople. Light red	30	1 75
Lutea Major. Large yellow flowers	30	1 75
Markgrave of Baden. Bright yellow flowers, striped with scarlet	30	1 75
Monstro Cramoisi Brillant. Deep crimson, large black center	30	1 75
Perfecta. Yellow, spotted red	30	1 75
Mixed Colors.....per 1,000, $9..	30	1 75

Parrot Tulips, Lutea Major

Botanical and Other Tulips—10 Cents Each

Mailing Weight, 1 lb. doz., 7 lbs. 100

	Doz.
Tulipa Billientiana. Yellow, gold-tipped, scarlet base	$0 50
Tulipa carinata. Purple-red	55
Tulipa Clusiana (The Lady Tulip). White, red striped	75
Tulipa cornuta stenopetala. Red and yellow	60
Tulipa Florentina odorata. Yellow; violet-scented	Per 100, $3.50.. 65
Tulipa Persica. Yellow; sweet-scented	50

Mixed Tulips

Not less than six of a kind at dozen rate. (Mailing Weight, 1 lb. doz., 8 lbs. 100.)

For bedding. Planted in large masses, these make a magnificent show, aud, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

	Doz.	100	1,000
Fine Mixed EARLY SINGLE Thorburn's Special Mixture. Extra choice	$0 30	$1 50	$9 00
Fine Mixed EARLY DOUBLE Thorburn's Special Mixture. Extra choice	30	1 50	10 00
Fine Mixed Bizarres	35	2 00	14 00
Fine Mixed Bybloems	40	2 50	15 00
Fine Mixed Breeders or Mother Tulips	50	3 00	16 00
Fine Mixed Parrot	30	1 50	9 00
Fine Mixed Darwin. Single; late; self-colored	30	2 00	14 00

Choice Collections of Tulips, Our Selection

Mailing Weight, 1 lb. doz., 8 lb. 100.

	Collection
No. 1. **12 Named Early Single Tulips** in 12 varieties, for house culture or bedding	$0 40
No. 2. **25 Named Tulips,** in 12 varieties	75
No. 3. **50 Named Tulips,** in 10 varieties	1 40
No. 4. **100 Named Tulips,** in 10 varieties	2 50

Narcissus

NARCISSUS ARE READY FOR DELIVERY IN SEPTEMBER

Narcissus are among the most popular and largely grown of spring-flowering bulbs, and deservedly, too. Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for plauting by the sides of streams, lakes or ponds, and in mixed flower—or shrubbery—borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

Single Narcissus, or Daffodils

ALL LARGEST-SIZED BULBS

If to be sent by mail add postage of zone rates as per weights indicated.

Large-Crown, or Trumpet Narcissus

The varieties belonging to this division have trumpets or crowns that are as long as, or longer than, the perianth segments.

Single Narcissus, continued

If to be sent by mail, add postage at zone rates as per weights indicated.

Bicolor

	Doz.	100
Albicans (White Spanish Daffodil). White perianth primrose trumpet. 2 lbs. doz., 10 lbs. 100	$0 50	$3 00
Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet. An excellent forcer. 3 lbs. doz., 17 lbs. 100	60	3 50
Grandis. White perianth, yellow trumpet; later than Empress. 2 lbs. doz., 9 lbs. 100	40	2 50
Horsfieldii. White perianth, yellow trumpet; very early. 2 lbs. doz., 9 lbs. 100	40	2 50
Mrs. Walter T. Ware. Very free-flowering and early; beautiful golden yellow trumpet, well expanded and frilled at the brim. 2 lbs. doz., 9 lbs. 100	75	4 00
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flowers. Valuable for forcing or outdoor culture. A splendid variety. Largest Mother Bulbs. 2 lbs. doz., 16 lbs. 100	35	2 00
Victoria. Creamy white perianth, rich yellow, fluted trumpet. 2 lbs. doz., 14 lbs. 100	40	2 50

Yellow

Ard Righ (Irish King). Yellow; very early. Fine forcer. 2 lbs. doz., 9 lbs. 100	75	4 00
Emperor. Large, golden yellow trumpet, deep primrose perianth. One of the best Daffodils for medium and late forcing. It is very free-flowering, with large, solid flowers of great substance. Largest Mother Bulbs. 3 lbs. doz., 17 lbs. 100	65	3 50
Goldfinch. Trumpet and perianth a deep golden; extra-large trumpet. 3 lbs. doz., 23 lbs. 100.	1 00	7 00
Golden Spur. Uniform deep golden yellow. Most popular of the single Narcissus, owing to its earliness and the substance and beauty of its flowers. Largest Mother Bulbs. 2 lbs. doz., 12 lbs. 100	75	4 00
Henry Irving. Broad yellow perianth, fine yellow trumpet. Extra early and good for forcing. 1 lb. doz., 8 lbs. 100	50	3 00
Major (Trumpet Major). Pure yellow. The old variety. Earliest forcing. 1 lb. doz., 6 lbs. 100	50	3 00
Obvallaris (The Tenby Daffodil). Pure yellow; very early. Fine forcer. 1 lb. doz., 7 lbs. 100	50	3 00
Spurius (Single Von Sion). Pure yellow; large, expanded trumpet. Excellent for forcing. 3 lbs. doz., 18 lbs. 100	40	2 50
Van Waveren's Giant, the largest of all Narcissi, flowers of huge dimensions. Perianth primrose, bright yellow trumpet. 2 lbs. doz., 12 lbs. 100	each $1.25	14 00

Short-Trumpet Narcissus

Incomparabilis

These are crosses between the Yellow Trumpet and Poeticus. The color of the perianth is usually yellow or white.

	Doz.	100
Beauty, perianth sulphur, barred yellow, large cup margined orange scarlet. 2 lbs. doz., 8 lbs. 100	$0 90	$5 00
Cynosure. Primrose perianth, changing to white, cup pale orange. 2 lbs. doz., 8 lbs. 100	30	1 50
Figaro. Orange cup. Yellow perianth. 2 lbs. doz., 8 lbs. 100	30	1 75
Simplex. Single; yellow; early. Fine for cutting; also for forcing. 2 lbs. doz., 8 lbs. 100	30	1 75
Sir Watkin. Perianth sulphur, crown yellow, tinged bright orange. This is still the king of the short-cupped Narcissus, and used more generally and in larger quantities than any other short-cupped variety. Valuable as a cut-flower. First size. 3 lbs. doz., 16 lbs. 100	60	3 50
Stella. White perianth, yellow cup. Good forcer. 1 lb. doz., 5 lbs. 100	30	1 50

Leedsii

These are crosses between the White Trumpets and Poeticus. The crowns are as large as those of the Incomparabilis group. The perianths are always white; the crowns are mostly white or light yellow.

	Doz.	100
Leedsii Type. Silvery white, lemon cup. 1 lb. doz., 5 lbs. 100	$0 30	$1 50
Duchess of Brabant. White perianth, lemon cup. Good for forcing. 2 lbs. doz., 14 lbs. 100.	30	1 75
Minnie Hume (Queen of England). Large white perianth, cup passing from fine lemon to white. 1 lb. doz., 6 lbs. 100	30	1 75
Mrs. Langtry. Pure white perianth, large white cup, edged yellow. Splendid for cutting or naturalizing. 1 lb. doz., 5 lbs. 100	30	1 75

Narcissus poeticus

Varieties belonging to this group always have a pure white perianth. The cups are very short, but wide-mouthed, and always more or less deeply rimmed with orange or scarlet.

	Doz.	100
Ornatus. Perianth pure white, cup yellow, margined scarlet. One of the most popular of all; useful for cut-flowers; very early flowering. Mother Bulbs. 1 lb. doz., 4 lbs. 100	$0 30	$1 75
Recurvis (The Old Pheasant's Eye). Pure white perianth, scarlet cup; late. 1 lb. doz., 7 lbs. 100	30	1 50

Narcissus Poetaz Hybrids

New Hybrids between Poeticus Ornatus and Polyanthus Varieties.

	Doz.	100
Aspasia. Perianth pure white, yellow eye, large flowers. 2 lbs. doz., 9 lbs. 100	$0 75	$4 00
Ideal. Perianth white, dark orange eye. 6 to 7 flowers on a stem. 2 lbs. doz., 9 lbs. 100	60	3 50

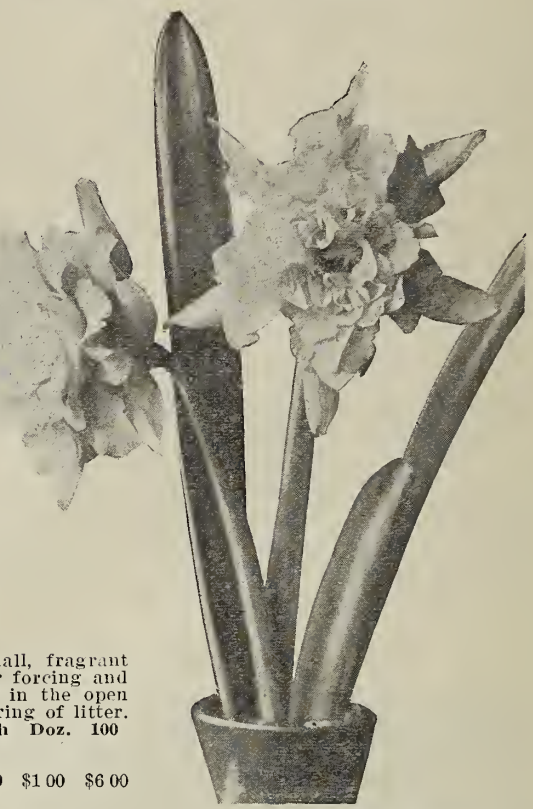
Various Single Narcissus

	Doz.	100
Bulbocodium citrinum (Hoop Petticoat). Pale sulphur-yellow, 1 lb. per doz.	$0 85	$5 00
Bulbocodium conspicuum. Golden yellow, 1 lb. per doz.	75	4 50
Tenuior (Silver Jonquil). Sulphur-white perianth, yellow cup. A rush-leaved, dwarf variety, splendid for rock-work, 1 lb. per doz.	70	4 00
Single Trumpets, Mixed. 2 lbs. doz., 9 lbs. 100	30	1 75
Single, All Sorts Mixed. 2 lbs. doz., 9 lbs. 100	30	1 50

If to be sent by mail add postage at zone rates, as per weight indicated.

Double Narcissus

	Doz.	100
Alba plena odorata. Pure white; a splendid cut flower; sweet-scented. For outdoors. 1 lb. doz., 5 lbs. 100	$0 30	$1 50
Incomparabilis (Butter and Eggs). Light yellow. For forcing. 2 lbs. doz., 15 lbs. 100	35	2 00
Orange Phoenix (Bacon and Eggs). Large; double; white with orange base. 2 lbs. doz., 12 lbs. 100	40	2 50
Sulphur Phoenix. Large; double; white with sulphur center. Not good for growing in pots on account of its weak foliage, but a splendid variety for cutting. The flower is rose-shaped and is of a most pleasing silvery white shade. 2 lbs. doz., 10 lbs. 100	40	2 50
Tazetta. (Early Yellow Roman.) Earliest yellow for forcing. 2 lbs. doz., 10 lbs. 100	35	2 00
Von Sion. The largest double yellow Trumpet variety. Extra fine for forcing; largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety, and of the largest size. 2 lbs. doz., 12 lbs. 100	50	3 00
Von Sion. Double-nosed bulbs. 2 lbs. doz., 14 lbs. 100	75	4 00



Double Narcissus, Von Sion

Polyanthus Narcissus

Tbe varieties belonging to this class produce small, fragrant flowers growing in clusters. They are invaluable for forcing and may be grown under glass or in pots. If planted in the open border they must be protected over winter by a covering of litter.

	Each	Doz.	100
Bazelman Major. Broad white periantb, deep yellow cup; largest of all. 2 lbs. doz., 12 lbs. 100	$0 10	$1 00	$6 00
Gloriosa. White perianth, deep orange cup; very striking. 3 lbs. doz., 24 lbs. 100	10	90	5 00

Paper White Narcissus

	Each	Doz.	100
Grand Monarque. White, with yellow cup; very large flowers; vigorous grower. 2 lbs. doz., 12 lbs. 100	$0 10	$0 90	$5 00
Grand Soleil d'Or. Yellow, with orange cup; very free-blooming. 2 lbs. doz., 11 lbs. 100	10	90	5 00
Her Majesty. White, yellow cup; extra large flower. 2 lbs. doz., 11 lbs. 100	10	90	5 00
Jaune Supreme. Primrose, orange cup. 2 lbs. doz., 11 lbs. 100	12	1 00	6 00
White Pearl. Periantb pure white, cup primrose; fine for cutting. 2 lbs. doz., 14 lbs. 100	10	75	4 00
Mixed Sorts. 2 lbs. doz., 12 lbs. 100		40	2 00

Paper-White Narcissus

	Doz.	100
Paper-White grandiflorus. Large trusses of pure white flowers. Splendid forcer. Large bulbs. 2 lbs. doz., 12 lbs. 100	$0 40	$2 50

Jonquils

Not less than 50 of a kind at 100 rate.

A class related to the Narcissus, and suitable alike for pot culture or planting out. Culture same as for hyacinths.

Single Yellow Sweet-scented. Per 1,000, $6.00. 4 oz. doz., 2 lbs. 100	$0 25	$1 00
Large Single (Campernelle). Yellow; per 1,000, $7.50. 8 oz. doz., 4 lbs. 100	25	1 25
Odorus rugulosus. An improved Campernelle; yellow, large, crinkled flowers; fragrant. 2 lbs. doz., 9 lbs. 100	30	1 50
Large Double. Golden yellow, delightfully fragrant. Fine forcer. 8 oz. doz., 4 lbs. 100	75	4 00
Silver Jonquil (Narcissus tenuior). 1 lb. doz.	70	4 00

If to be sent by mail add postage at zone rates as per weight indicated.

Lilies

For stateliness of habit, beauty of form and variety of coloriug, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of Lilium candidum and Lilium tigrinum, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. Lilium auratum cannot bear manure but thrives in ordinary light soil. They all prefer a partial shade, and the taller sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and Lilium candidum ready in August; others not until November.

Lilium Harrisii

(Bermuda Easter Lily)

BULBS NOW READY.

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, lasting a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

	Each	Doz.	100
5 to 7 inches in circumference. 2 lbs. doz., 11 lbs. 100	$0 20	$1 50	$8 50
7 to 9 inches in circumference. 3 lbs. doz., 17 lbs. 100	35	2 50	15 00
9 to 11 inches in circumference. 4 lbs. doz.	65	6 00	

Lilium longiflorum (White Trumpet Lily)

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 4 feet high, and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substauce. A well-drained, light loam enriched with leaf-mold suits it best.

	Each	Doz.	100
6 to 8 inches in circumference. 2 lbs. doz., 13 lbs. 100	$0 15	$1 25	$6 00
7 to 9 inches in circumference. 3 lbs. doz., 17 lbs. 100	20	1 50	8 00
9 to 10 inches in circumference. 4 lbs. doz., 26 lbs. 100	25	2 25	14 00
Formosum. Pure white flowers, larger than those of L. Harrisii. Grows 2½ to 4 ft. high.			
7 to 9 inches in circumference. 3 lbs. doz., 21 lbs. 100	20	2 00	10 00
9 to 10 inches in circumference. 5 lbs. doz., 34 lbs. 100	25	2 50	15 00
Multiflorum. 6 to 8 inches in circumference. 2 lbs. doz., 14 lbs. 100	15	1 25	6 00
7 to 9 inches in circumference. 3 lbs. doz., 21 lbs. 100	20	1 50	9 00
8 to 10 inches in circumference. 4 lbs. doz., 25 lbs. 100	25	2 25	14 00
Multiflorum giganteum. 6 to 8 inches in circumference. 2 lbs. doz.	15	1 25	6 00
7 to 9 inches in circumference. 3 lbs. doz.	20	1 50	8 00
8 to 10 inches in circumference. 4 lbs. doz.	25	2 25	14 00

Beautiful Japan Lilies

These do not generally arrive until November and December. We import our supply direct from Japau every year. Every garden should have some of these most beautiful and easily grown Lilies.

	Each	Doz.	100
Auratum (Gold-banded Lily). The graudest of all hardy Lilies, 3 to 6 feet high; flowers white, spotted maroon, having a bright yellow band through the center of each petal.			
8 to 9 inches in circumference. 3 lbs. doz.	$0 20	$1 50	$ 9 00
9 to 11 iuches in circumference. 5 lbs. doz.	25	2 25	14 00
11 to 13 inches in circumference. 7 lbs. doz.	40	3 75	24 00
Auratum rubro-vittatum. Enormous flowers, sometimes measuring 10 inches across; pure white, beautifully spotted, and with a deep crimson stripe through center of each petal; very fragrant. 9 to 11 inches. 4 lbs. doz.	60	6 00	
Auratum pictum. Flowers like those of the common Auratum, with yellow band through each petal. It is beautifully spotted with rich crimson. A free bloomer. 9 to 11 inches. 4 lbs. doz.	35	3 50	
Speciosum album Kraetzeri. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest-grown Lilies we have			
7 to 9 inches. 4 lbs. doz.	25	2 25	12 00
9 to 11 inches. 5 lbs. doz.	35	3 00	20 00

Lilium Auratum

If to be sent by mail add postage at zone rates

Beautiful Japan Lilies, continued

	Each	Doz.
Speciosum rubrum Melpomene. Very dark crimson-spotted flowers of large size and striking appearance. Grows 2 to 4 feet high, and blooms profusely. 8 to 9 inches. 4 lbs. doz. ..... Per 100, $10.00..	$0 20	$1 50
9 to 11 inches. 5 lbs. doz. ..... Per 100, 14.00..	25	2 25
11 to 13 inches. 7 lbs. doz. ..... Per 100, 24.00..	40	3 75
Batemanni. Unspotted, bright apricot flowers; beautiful variety. 3 to 4 feet high. 1 lb. doz.	30	3 00
Krameri. White, slightly tinged with red; sweet-scented. 1 lb. doz.	30	3 00
Leichtlinii. Orange-red, with crimson spots; 2 to 3 feet high. 8 oz. doz.	35	3 50

Various Lilies

	Each	Doz.
Bloomerianum. Orange, spotted dark maroon, with a crimson circle around each spot. 1 lb. doz.	$0 45	$4 50
Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare. 1 lb. doz.	60	6.00
Brownii. Most beautiful flowers of immense size; inside creamy white, outside shaded chocolate-purple; a splendid pot-plant; 2½ to 3½ feet high. 2 lbs. doz.	45	4 50
Canadense (Meadow Lily). Graceful, drooping, yellow flowers, spotted red; 1½ to 3 feet. 4 oz. doz.	15	1 50
Canadense rubrum. Red flowers. 4 oz. doz.	15	1 50

Lilium Candidum

Candidum (Madonna Lily, or St. Joseph's Lily). The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high. 3 lbs. doz. ..... Per 100, $9.00	15	1 50
Colchicum (Monadelphum). Citron, black spots; a splendid Lily; 2 feet high. 1 lb. doz.	45	4 50
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant. 1 lb. doz.	45	4 50
Croceum. Orange, with black spots, 2 lbs. doz.	25	2 50
Excelsum (Testaceum). Lovely cream-colored flowers, tinged with apricot; very fragrant; 5 ft. high. 3 lbs. doz.	50	5 00
Giganteum. A magnificent species, growing 6 to 10 feet high, and bearing many large, funnel-shaped flowers 5 to 6 inches long; color white, with purple throat. **Extra-large bulbs.** 2 lbs. doz.	3 00	
Henryi (Orange-yellow Speciosum). Very tall-growing variety; deep orange-yellow flowers, growing in great profusion when the plants are well established. 3 lbs. doz.	60	6 00
Humboldtii type. A grand lily. Orange-red flowers, spotted with small maroon spots. 5 ft. 1 lb. doz.	45	4 50
Kelloggii. Slender stems with from 3 to 15 flowers with pink revolute petals; fragrant; 3 to 4 feet. 8 oz. doz.	60	6 00
Maritimum. Dark red, funnel-shaped flowers; beautiful. 8 oz. doz.	70	7 00
Martagon. Purple; 2 to 3 feet. 8 oz. doz.	25	2 50
Pardalinum. Large showy flowers, richly colored and spotted. 4 feet. 1 lb. doz.	25	2 50
Parryi. Large, handsome, pale yellow flowers; very rare. 8 oz. doz.	1 00	10 00
Parviflorum. Small flowers; very charming. 8 oz. doz.	40	4 00
Parvum. Orange-yellow, spotted purple; 2 feet. 8 oz. doz.	70	7 00
Parvum luteum. Clear yellow flowers. 8 oz. doz.	45	4 50
Philadelphicum. Bright orange-red, with black spots; 2 feet high. 8 oz. doz.	15	1 50
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted; 4 feet. 8 oz. doz.	15	1 50
Tenuifolium (Siberian Coral Lily). Rich scarlet; 1½ feet. 8 oz. doz.	25	2 50
Thompsonianum. Rose. 8 oz. doz.	40	4 00
Thunbergianum biligulatum. 8 oz. doz.	20	2 00
Thunbergianum Kikak. Apricot-yellow; spotted black; 3 feet. 8 oz. doz.	20	2 00
Thunbergianum Prince of Orange. Orange-yellow; 1 foot. 8 oz. doz.	20	2 00
Thunbergianum Van Houttei. 8 oz. doz.	40	4 00
Tigrinum splendens (Tiger Lily). Rich scarlet, with black spots; large roots. 2 lbs. doz. ..... Per 100, $8.00	15	1 50
Tigrinum flore-pleno (Double Tiger Lily). Orange-red, black spots. 2 lbs. doz. Per 100, $9.	15	1 50
Umbellatum erectum. Red and orange. 4 lbs. doz.	15	1 50
Umbellatum grandiflorum. Orange-red. 3 lbs. doz.	15	1 50
Umbellatum Mixed. 3 lbs. doz.	12	1 25
Wallacei. Orange-red, maroon spots; late. 8 oz. doz.	25	2 50
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet. 2 lbs. doz.	50	5 00

If to be sent by mail add postage at zone rates as per weight indicated.

Lily-of-the-Valley

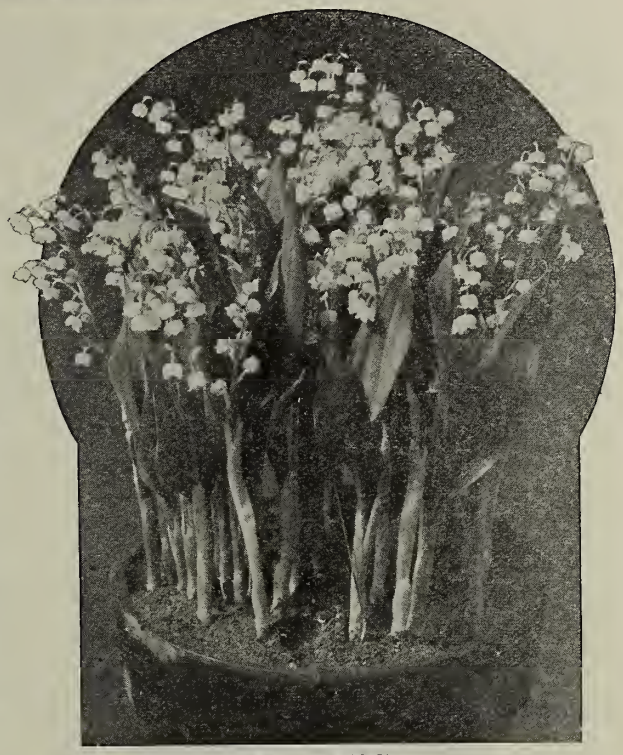
(Convallaria majalis)

READY IN NOVEMBER AND DECEMBER

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amoutn of heat to start them. They may also be planted in moss fiber in vases.

Clumps. Fine, large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. Weight 3 lbs. each. 30 cts each, $3 per doz., $20 per 100.

Pips for Forcing. 50 cts. per bundle of 25, (2-lb. rate), $1.75; per 100, $15 per 1,000.



Lily-of-the-Valley.

ALLIUM

Chinese Sacred Lily

(The Water Fairy Flower)

READY IN SEPTEMBER

A variety of the Polyanthus Narcissus, imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. 15 cts. each, $1.25 per doz. Mailing weight, 4-lb. doz.

Allium

Mailing Weight, 1 lb. 100.

Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower-border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.

Azureum. Beautiful sky-blue flowers in large umbels; fine for pots or garden. 15 cts. each, $1.50 per doz., $10.00 per 100.

Neapolitanum. Large umbels of pure white flowers, borne on large stems; valuable for forcing for winter cut-flowers, as well as for summer garden decoration. 25 cts. per doz., $1.25 per 100.

Moly luteum. Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses. 25 cts. per doz., $1.25 per 100.

Hermettii grandiflorum. Makes a splendid pot-plant for winter-blooming in the house, the handsome, large, pure white flowers being produced abundantly and for a long time; largely used by florists for cut-flowers. 35 cts. per doz., $2.00 per 100.

Amaryllis READY IN OCTOBER

If to be sent by mail add postage at zone rates, as per weight indicated.

Extremely ornamental greenhouse plants, with large, fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mold or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top-dressing each year when starting, and manure-water during the growing season.

Belladonna major. Violet and white; flowers in large umbels; fragrant. 4 lbs. doz.—25 cts. each, $2.25 per doz.

Belladonna speciosa purpurea. 4 lbs. doz. 65 cts. each, $6.50 per doz.

Empress of India Seedlings. Large flowers, brilliant scarlet with white stripes. 4 lbs. doz. 75 cts. each, $8 per doz.

Hippeastrum Johnsonii (Spice Lily). Beautiful flowers; crimson, striped white. Large bulbs. 6 lbs. doz. 65 cts. each, $6 per doz.

Hippeastrum, New Vittata Hybrids. Beautiful colors. 4 lbs. doz. 65 cts. each, $6 per doz.

Josephine (Gigantea). Very fine scarlet; flowering in immense umbels; these are extra-sized bulbs. 1 lb. each. $5 each.

Lily of the Palace. Very large, handsome flowers, crimson shaded with green. 4 lbs. doz. 75 cts. each, $8 per doz.

Anemone Coronaria

Anemone, or Windflower

If to be sent by mail add postage at zone rates —6 oz. doz., 3 lbs. 100.

Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

Coronari or Poppy-Flowered Anemone

READY IN SEPTEMBER

	Doz.	100
Caen Mixed (Giant French or Poppy-flowered Anemone). Finest colors.	$0 25	$1 25
Blue, Double Mixed	50	3 00
Blue, Single Mixed	30	2 00
King of the Blues, Double	50	3 00
King of the Scarlets, Double	50	3 00
Scarlet, Double Mixed	50	3 00
Scarlet, Single Mixed	30	2 00
Scarlet, Feu Superbe. Bright scarlet; double	50	3 00
St. Brigid. Semi-double; gracefully incurved flowers	50	3 00
White, Ceres. Double; tinted rose.	50	3 00
White, The Bride. Single; pure white	30	2 00
Double. Mixed colors	45	2 50
Single. Mixed colors	25	1 50

Anemone Species READY IN NOVEMBER

If to be sent by mail add postage at zones rates—3 lbs. per 100.

	Doz.	100
Apennina, Blue. Very charming, clear blue, star-shaped flowers; excellent for naturalizing; early flowering	$0 50	$3 00
Apennina, White	50	3 00
Fulgens. Scarlet; flowers very early in the spring. It does best in a good loam and in a moist situation. A fine pot-plant for house decoration	60	4 00
Japonica alba. Large, pure white; invaluable for cutting	60	4 00
Japonica Queen Charlotte. Semi-double; pink	75	5 00
Japonica rosea. Large; rosy carmine	50	3 00
Japonica rubra. Rosy crimson	65	4 50
Japonica Whirlwind. Bears in profusion large, semi-double, pure white flowers of great substance. Splendid for cut-flowers	60	4 00
Sylvestris (Snowdrop Windflower). Beautiful, pure white	65	4 50

Arum

If to be sent by mail add postage at zone rates as per weight indicated.

Arums make handsome pot-plants and are also effective in subtropical gardening. *Arum Dracunulus* and *Arum Italicum* are hardy.

	Each.	Doz.	100
Crinitum. Marbled stems; broad, flesh-colored, spotted flowers, covered with hairs. Weight: each 8 oz., doz. 3 lbs.	$0 40	$4 00	
Cornutum (Red Calla). Flowers red, spotted black, stems mottled; handsome pot-plant; flowers without water or soil. Bulbs will not he ready until Octoher or Novemher. Weight: each 8 oz., doz. 5 lbs.	20	1 75	$ 8 00
Dracunculus (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled stem and handsome foliage. Hardy. Weight: each 8 oz., doz. 5 lbs.	20	2 00	
Italicum. A hardy species from the Channel Islands, with creamy white flowers. Weight: each 4 oz., doz. 1 lb.	10	1 75	
Maculatum. A fine decorative plant; flowers white; green foliage, spotted black. Weight: each 4 oz., doz. 1 lb.	15	1 25	
Palaestinum sanctum (Black Calla). From the Lehanon mountains. A splendid pot- and chamber-plant, with fine, dark green foliage, large hlack spathe and hlack spadix. Weight: each 6 oz., doz. 2 lhs.	25	2 50	15 00

Begonia grandiflora, Tuberous-Rooted

READY IN NOVEMBER AND DECEMBER

Add postage at zone rates, 1 lb. doz., 7 lbs. 100.

Splendid pot-plants for the house or greenhouse and especially valuable for hedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in a hothed in March and April. The hollow end of the bulh should be up and hut slightly covered. Give very little water until the plants are growing.

	Doz.	100		Doz.	100
Single Scarlet	$0 60	$3 50	**Double White**	$0 80	$5 00
Single Rose	60	3 50	**Double Yellow**	80	5 00
Single White	60	3 50	**Double Crimson**	80	5 00
Single Yellow	60	3 50	**Double Rose**	80	5 00

Begonia crispa, Single, Fringed

These Begonias have beautifully shaped, gracefully frilled and crested flowers horne ahove the foliage on long and erect stems. A fine strain with a great future. **Red, Rose, White, Yellow** and **Salmon.** 80 cts. per doz., $5.25 per 100.

Brodiaea READY IN SEPTEMBER

Mailing weight—1 lb. 100.

Pretty bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems and umbels of lily-like flowers. For forcing or outdoor culture. Do hest in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold and sand is best. All are hardy except Coccinea, which should have some protection and partial shade.

	Doz.	100
Coccinea (Floral Firecracker). Rich blood-crimson, tipped white	$0 60	$4 50
Congesta. Tall-growing; purple flowers.	60	4 50
Grandiflora. Deep purple flowers; large and showy.	50	3 00
Ixioides splendens. Bright yellow.	60	4 50
Lactea. White, with green stripes.	50	3 00
Peduncularis. Porcelain-white flowers in immense umhels	60	4 00
Laxa. Blue	50	3 00

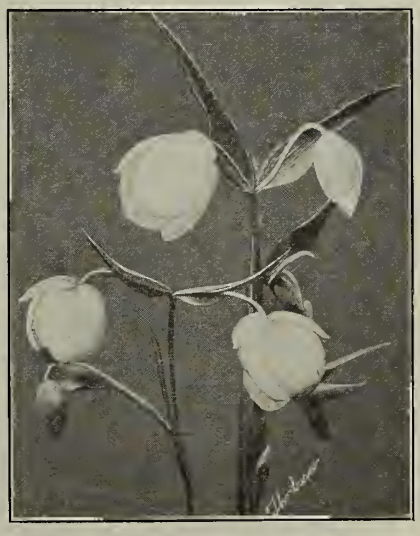
Calochortus

(Mariposa Lily, or Butterfly Tulip)

READY IN SEPTEMBER

Very handsome bulbous plants from Califorina. They are remarkahle for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam. Though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and pots. Mailed free.

	Doz.	100
Albus (Globe Tulip). Pearly white; rich blotch	$0 45	$2 75
Amabilis (Globe Tulip). Very pretty golden yellow.	45	2 75
Benthami (Star Tulip). Yellow, black spots.	45	2 75
Lilacinus (Star Tulip). Large, finely formed lilac flowers	45	2 75
Luteus (Mariposa Tulip). Clear yellow, delicately penciled creamy white	60	4 00



Calochortus

CROCUS in grass

	Doz.	100	1,000
White, Mixed	$0 15	$0 75	$5 00
Blue and Purple Mixed	15	75	5 00
Striped and Variegated, Mixed	15	75	5.00
Yellow, Mixed	15	75	5 00
Mammoth Yellow	25	1 50	11 00

Not less than one dozen of a kind at dozen rate.

Hybrid Named Crocus

Remarkable for richness of color and immense size. These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. Flowers are produced very early, and mowing later on will not seriously injure the bulbs.

	Doz.	100	1,000
Albion. Purple, with white feathers	$0 25	$1 50	$10 00
Caroline Chisholm. Pure white	25	1 50	10 00
David Rizzio. Purple	25	1 50	10 00
King of the Blues. Very large	25	1 50	10 00
King of the Whites. Pure white	25	1 50	10 00
La Majestueuse. White, striped lilac	25	1 50	10 00
Mad. Mina. Violet and white	$0 25	$1 50	$10 00
Mont Blanc. White; free bloomer; fine for bedding	25	1 50	10 00
Non Plus Ultra. Blue, edged white	25	1 50	10 00
President Lincoln. Large; purple; early	25	1 50	10 00
Queen Victoria. White	25	1 50	10 00
Sir Walter Scott. Violet-white	25	1 50	10 00

Not less than one dozen of a kind at dozen rate.

Crown Imperials

(Fritillaria imperialis)

READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—each 1 lb., doz. 6 lbs.

A stately-growing plant, with dark green foliage and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and

Crown Imperial Maximus (Red)

Calochortus, continued

	Doz.	100
Maewanus major (Star Tulip). White ground, open cup filled with fine blue hairs	$0 45	$2 75
Venustus citrinus. (Mariposa Tulip). Deep, rich lemon, with vivid dark maroon eyes	60	3 50
Venustus oculatus (Mariposa Tulip). Creamy white flowers, varying to sulphur and purplish tints	60	3 50
Venustus purpurescens (Mariposa Tulip). Creamy white inside half way, purplish center, outside all purple	75	5 00
Mixed Mariposa Tulips	45	2 75
Mixed Star Tulips	45	2 75
Mixed Globe Tulips	45	2 75
Mixed All Sorts	35	2 25

Crocus

If to be sent by mail add postage at zone rates—8 oz doz., 3 lbs. 100.

For pots and borders. A universal favorite, being oue of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful. For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

	Doz.	100	1,000
Cloth of Gold. Golden yellow, striped brown	$0 15	$0 75	$5 00
Cloth of Silver. Light blue, striped	20	1 25	10 00
Mixed Colors	15	75	5 00

If to be sent by mail add postage at zone rates

Crown Imperials, continued

desirable in every respect. They are all the better for being planted in good rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

	Each	Doz.
Aurora. Red	$0 25	$2 50
Crown on Crown. Red	25	2 50
Gold-striped-leaved. Crimson flower; variegated foliage.	35	3 50
Imperialis. Yellow	25	2 50
Maximus. Red	40	4 00
Silver Striped Leaved	35	3 50
Fine Mixed Varieties, per 100, $10.	20	1 75

Crinum

If to be sent by mail add postage at zone rates as per weights indicated.

Splendid, large-flowering bulbs, closely allied to the amaryllis. The most suitable soil is a compost of turfy loam, cow-manure and some sand. They should be grown in large pots or tubs, about three-fourths of the bulb being out of the soil. In late fall they should be removed to a coolhouse and allowed to rest until new leaves begin to appear in February. The bulbs should receive a top-dressing each year when starting, and manure-water during the growing season. They may be placed outside when warm weather begins, and will flower all through the summer, making splendid lawn or veranda plants.

Cyclamen Persicum Giganteum.

	Each
Asiaticum. Pure white. Large bulbs. 5 lb. rate	$1 00
Amabile, Giant Pink. Extra large, bright pink, with white stripe; splendid flower; enormous bulbs. Unsurpassed for growing in tubs, blooming profusely outside all summer, and forming a most excellent porch decoration. 11 lb. rate	2 50
Kirki. Large umbels of beautiful pure white flowers, with purple stripe in center of each petal. 1 lb. rate	1 50
Powelli. Produces long stems, bearing at the top five to eight large, dark rose, bell-shaped flowers, 3 to 4 inches long. 2 lb. rate	25
Powelli album. Pure white. 2 lb. rate	50

Cyclamen MOST OF THEM READY IN NOVEMBER

When well grown, it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white, and of much elegance of form in flower and plant. The soil best suited to them is a fresh, turfy loam, with a fourth to a fifth of well-rotted horse manure, to which add some clean sand if the soil is heavy. Plant so as to leave the top of the bulb just below the surface. Given the proper conditions, the Cyclamen is remarkably easy to grow. (We offer seed of our superb strain of C. giganteum at the end of this catalogue.)

	Each	Doz.
Coum. Crimson; round-leaved	$0 25	$2 50
Europaeum roseum. Very showy, rosy red; hardy.	20	1 75
Persicum giganteum, Rose	20	2 00
Persicum giganteum, Dark Crimson	20	2 00
Persicum giganteum, White, "Mont Blanc"	25	2 50
Persicum giganteum, Mixed	20	2 00
Hederaefolium album (Neapolitanum). Ivy-leaved Cyclamen. Autumn flowering; quite hardy in sheltered situations. Doz. 2 lb. rate	20	1 75
Repandum. Rosy red, with purple eye	20	1 75

Eremurus.

Eremurus READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—1 lb. each.

A noble, bulbous plant from northern India, especially attractive, peerless in its majestic magnificence, compelling admiration by its gigantic proportions and the sweetness of its perfume, a plant not easily forgotten when seen well grown. It is a hyacinth-like perennial, starting growth quite early in the spring. Coming from a cold country it is perfectly hardy, but enjoys good, rich soil, and responds handsomely to liberal treatment. They thrive admirably in deep, rich, sandy loam

If to be sent by mail add postage at zone rates

Eremurus, continued

with the addition of well-decayed cow manure. They need plenty of water in the flowering period, but require good drainage. When well established they should not be disturbed, as the roots are extremely brittle. The surface soil above the roots should be kept clean by hand-weeding and enriched by occasional application of old manure, leaf-mold and a little sand well mixed. Autumn planting is desirable, and the crown should be covered with a mound of ashes over winter, or with a box with a water-tight top and filled with dry leaves. Protect the stems from frost when coming into flower in spring.

	Each
Himalaicus. Beautiful white flowers on racemes 4 to 8 feet high. Blooms in May and June	$1 25
Robustus. Rosy lilac flowers on racemes 6 to 19 feet high, flowering in June	1 25

Erythronium.

Erythronium (Dog's-Tooth Violets)

READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—doz. 4 oz.; 100 2 lb.

Very ornamental, hardy bulbous plants of neat and dwarf habit. They succeed in almost any light soil, but prefer a mixture of loam and peat. They should be planted in groups, and do well in a sheltered position on rockeries, or in mixed flower- or shrubbery-borders.

	Each	Doz.	100
Americanum. Bright yellow flowers; mottled leaves; segments recurved.	$0 15	$1 25	$8 00
Californicum. Cream-yellow, with maroon band at base; leaves mottled.	10	60	4 50
Giganteum (Giant Dog's-Tooth Violet). Large, straw-colored flowers, orange centers, borne on long, slender stems. Foliage richly mottled; fine pot-plant.	10	75	4 75
Citrinum. Leaves mottled; flowers yellow	10	75	4 75
Hartwegii. Pretty yellow flowers, each on a separate stalk; good for pots	10	60	4 50
Hendersonii. Pale lilac, purplish center	10	60	4 50
Dens-Canis (Dog's-Tooth Violet). Mixed; leaves blotched brown and white	10	30	1 50

Fritillaria READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—doz. 4 oz., 100 2 lbs.

Graceful, hardy, spring-flowering bulbous plants, thriving in good, rich, well-drained soil. They are effective in mixed flower-borders, and they also make excellent pot-plants both for their ease of cultivation and the quaintness of their flowers.

Lilacea. Flowers white; easily grown. 10 cts. each, $1 per doz., $6.75 per 100.

Meleagris alba (Guinea-fowl Flower). White. 50 cts. per doz., $3.00 per 100.

Meleagris. Mixed colors. 40 cts. per doz., $2.50 per 100.

Fritillaria imperialis. See Crown Imperials, page 18

Freesia

If to be sent by mail add postage at zone rates—doz. 4 oz., 100 2 lbs.

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good, loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs, we may say that they are quite small, but produce large blooms in comparison to their size.

Freesia refracta alba. The body of the flower is a pure white, with lower segments spotted lemon-yellow. Their fragrance is remarkable and very lasting. Mammoth-size bulbs. 50 cts. per doz., $3.00 per 100, $16.00 per 1,000.

Freesia, "Purity." Magnificent, glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing eight to ten buds, five or six of which are frequently open at the same time.
Mammoth bulbs. 90 cts. per doz., $6 per 100
First size bulbs. 50 cts. per doz., $3.50 per 100
Second size bulbs. 40 cts. per doz., $2.75 per 100

Freesia Leichtlinii major. Creamy white, shading to yellow, with orange blotch; distinct. 40 cts. per doz., $2.50 per 100.

Freesia, "Purity"

Gladiolus Colvillei.

Dwarf Gladiolus

READY IN NOVEMBER

If to be sent by mail add postage at zone rates—doz. 6 oz., 100 2 lb.

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in a warm room or greenhouse. Some varieties are successfully forced and may be had in full beauty in April and May.

These form a family of bulbs of rare beauty and of most exquisite tints and shades; and, from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding. Named varieties will be found in our General Catalogue, published January 1.

	Doz.	100
Ackermanni. Salmon-orange with white blotch	$0 30	$1 75
Blushing Bride. Beautiful ivory-white, with crimson flakes	30	1 50
Crimson Queen. Deep crimson	30	1 75
Peach Blossom. Beautiful rose	30	1 75
Queen Wilhelmina. White, with crimson and scarlet margius.....Each 10 cts...	75	4 50
Mixed	25	1 25
Colvillei rubra	30	1 75
Colvillei alba, "THE BRIDE." White; for forcing	25	1 75
Colvillei rosea.	35	2 00

Ramosus, Ne Plus Ultra. Crimson and white blotch. 50 cts. per doz., $3.00 per 100.

Ramosus in Mixture. 40 cts. per doz., $2.50 per 100.

Gloxinias

READY IN NOVEMBER

If to be sent by mail add postage at zone rates—doz. 1 lb., 100 7 lbs.

Gloxinias are among the most beautiful of greenhouse plants, being remarkable for the intensity and variety of their colorings and the exquisite manner in which they are often blotched, mottled, penciled and blended. The plants are extremely floriferous, and, by making successive pottings, they may be had in bloom the greater part of the year. They thrive best in a soil composed of leaf-mold and peat in equal parts, with a little sand added. When growing, plenty of water should be supplied, but it should always be tepid. The bulbs we offer are large, and of erect-flowering strain:

CRASSIFOLIA ERECTA—

	Doz.	100
Red .....3 for 20c.....	$0 75	$4 50
White ....3 for 20c.....	75	4 50
Blue .....3 for 20c.....	75	4 50
Spotted ...3 for 20c.....	75	4 50
Mixed ....3 for 20c.....	65	4 00

Iris

(Fleur-de-lis)

READY IN OCTOBER AND NOVEMBER, EXCEPT JAPAN IRIS, WHICH WILL NOT BE READY UNTIL DECEMBER AND INTO SPRING

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil, and in a sunny situation. With the exception of Moroea Pavonia, all varieties are hardy. Good drainage is important. The varieties of Iris Kaempferi, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 to 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing.

Japan Iris (Iris Kaempferi)

IRIS, continued

Superb Collection of Large-Flowered Japan Iris (Iris Kaempferi)

READY IN DECEMBER AND INTO SPRING

If to be sent by mail add postage at zone rates—each 1 lb., doz. 12 lbs.

30 cents each, $3 per dozen, $20 per 100.

We are importing from Japan a large supply of the following twenty of the best of these magnificent Irisis, which excel in size, perfection of form and richness of color. These are most valuable for cut flowers and table decoration—as handsome as orchards. Flowers should be cut in the early morning or after sunset. The roots come in large clumps. The description given are those furnished us by the growers in Japan. May be ordered by numbers.

13 **Boteki-no-Koe.** Pure white, heavily veined lavender, with pale primrose blotches; standards wine-color, lighter toward edges, stigmas lavender. Three large petals. Striking.
26 **Date-dogu.** Rich claret-red, yellow blotches. Three petals.
89 **Fuyoho.** Large; pure white, yellow blotches; three very large petals.
31 **Gei-Sho-Un.** Claret-red, veined white; standards shaded lavender, darker toward the edges, yellow blotches.
4 **Ho-o-jo (Ho-o-Castle).** Ruby-crimson, primrose blotches; standards white and lavender.
37 **Katsuraotoko.** White, veined lavender; standards white, suffused with lavender, darker toward the edges, pale yellow blotches. Six petals.
15 **Momiji-no-Taki.** Ruby-red, yellow blotches; standards white, spotted toward edges pale wine-color. Six petals.
30 **Noboro-Ryu.** Intense Tyrian blue, with yellow blotches; standards white, edged violet.
9 **Ran.** Royal purple, edged lavender, with large primrose blotches; standards wine-red, white at base. Six petals; large and distinct.
34 **Sassa-no-Koe.** White, veined wine-red and blotched yellow; standards lavender, running to purple at edges. Three petals.
20 **Senjo-To.** Light wine-color, spotted and shaded to dark red toward the edges of the petals, suffused with white, yellow blotches; standards shading to purple.
40 **Shiguremomiji.** Blush-pink, darker toward edges, splashed wine-red; stigmas lavender, primrose blotches. Three petals.
21 **Shikainami.** Light blue, shading to dark blue edges, white-veined, yellow blotches; standards shaded lavender, with dark edges. Six petals.
6 **Shippo (Cloisonne).** Rich tyrian blue, edged purple and veined white, yellow blotches; standards white and wine-color. Large flowers.
14 **Shiraga.** Deep purple, heavily veined white; standards lavender, darker toward edges, yellow blotches. Large flowers. Six petals.
17 **Suibijin.** Claret-red, darker toward edges; standards white, veined and edged pale wine-color; stigmas wine-color; three petals.
44 **Ujigawa.** Rich, vinous purple; standards blush-pink; stigmas lavender, radiating to purple edges, canary-yellow blotches. Three immense petals.
50 **Ushio-no-Iro.** Violet, veined white; standards white, edged sky-blue, yellow blotches. Seven or eight petals.
7 **Yamato-Nishiki.** Pale lavender, running to purple on outside of petals, blotched and flaked dark purple, large primrose blotches. Immense flower. Three petals.
8 **Yodokuruma.** Pale wine-color, veined darker, large orange blotches; standards very erect. Gigantic blooms. Three petals.

MIXED JAPAN IRIS, from a superb collection.
A splendid assortment, extra size clumps, home-grown stock, without names.
Each 25 cts.; $2.25per doz.; $15 per 100.

Spanish Iris (Iris Hispanica)

Not less than one dozen of a kind at dozen rates.
Doz. 6 oz., 100 3 lbs.

Very profitable for florists, who are planting them largely for cut-flowers. Plant in beds in the open as soon as received in the autumn, and protect during the winter months. In the beginning of April cover the beds with glass, so as to have the flowers ready for cutting in May.

	Doz.	100
Belle Chinoise. Yellow; extra	$0 25	$1 25
British Queen. Large; pure white	25	1 25
Chrysolora. Bright yellow	25	1 25
Darling. Bright blue	25	1 25
Gold of California. Beautiful deep golden	25	1 25
Louise. Pale blue, slightly spotted	25	1 25
L'Unique. Violet-blue, golden blotch	25	1 25
Midley. Fine light blue	25	1 25
Prince of Orange. Bronze and orange.	25	1 25
Reconnaissance. Bronze and orange..	35	2 00
Snowball (Blanche Fleur). White	25	1 25
Solfatare. Purplish blue and yellow.	25	1 25
Superfine Mixed ....Per 1,000 $4.00...	15	75

Iris Hispanica.

Various Iris

If to be sent by mail add postage at zone rates as per weight indicated.

	Doz.	100
Anglica, Mont Blanc. Pure white English Iris. doz. 1 lb., 100 9 lbs.	$0 60	$3 00
Anglica, Mixed. English Iris.....	35	2 00
Alata (The Scorpion Iris). Sweet-scented, sky-blue flowers. Also fine for pots. 6 oz. doz., 3 lbs. 100	80	5 00
Cristata. Lilac, with yellow throat.	65	3 75
Florentina alba. Beautiful satiny white flowers. 6 oz. doz., 3 lbs. 100	45	2 75
Germanica. Mixed German Iris. 6 oz. doz., 3 lbs. 100.....	1 00	6 00
Morœa Pavonia (Peacock). Pretty. Not hardy. 6 oz. doz., 3 lbs. 100.	40	2 50
Susiana major (Chalcedonian Iris). Bluish, tinted brown, dark lines. 2 lbs. doz. .....Each 25 cts..	2 50	

Ixias READY IN OCTOBER

If to be sent by mail add postage at zone rates

The named Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free-flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

Various Ixias

Iris Anglica

Ixias

	Doz.	100
Ambassador. Carmine violet.....	$0 30	$1 75
Bucephalus major. Crimson; fine.....	25	1 50
Conqueror. Large; white, with purple eye	25	1 50
Crateroides major. Bright crimson.....	40	2 50
Duchess of Edinburgh. White, red-striped	35	2 25
Favorite. Sulphur-yellow	30	1 75
Gem. Cream, black center.....	35	2 00
Golden Drop. Golden yellow, dark center.	35	2 00
Hypatia. White, flushed lilac.....	35	2 00
Mozart. Dark yellow, black eye.....	35	2 00
Princess Alexandra. Pale straw-color.....	35	2 00
Sarniensis fl.-pl. White and red; double..	35	2 00
Vulcan. Orange-red, black center.....	35	2 00
In Splendid Mixture. 1,000, $6.....	20	1 00

Lachenalia READY IN SEPTEMBER

Mailed Free.

Very pretty, spring-flowering, greenhouse bulbous plants of elegant habit and with brightly colored flowers. They should be grown in pots, four to six bulbs in a 5-inch pot, in a compost of two parts loam, two parts leaf-mold and one part each of peat, sand and well-rotted cow manure. Apply but little water until growth is somewhat advanced, but give more freely as the foliage develops; give them plenty of light and air and keep near the glass to insure sturdy growth. Lachenalias are also excellent subjects for hanging-baskets.

	Each	Doz.
Luteola. Pale yellow flowers flushed with green $0 15		$1 50
Nelsoni. Rich golden yellow; very fine.....	30	3 00
Pendula. Very handsome, large and showy species, with broad foliage and rich red flowers, tipped with black.....	25	2 50
Quadricolor. Bright green, red and yellow flowers	25	2 50
Tricolor. Red, yellow and green.....	30	3 00

Montbretia Crocosmæflora.

Montbretia READY IN NOVEMBER

If to be sent by mail add postage at zone rates—Doz. 6 oz., 100 2 lbs.

Hardy, summer-flowering bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and geueral decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil aud a sunny position suit them. The following are the handsomest and most distinct varieties.

	Doz.	100
Crocosmæflora aurantiaca. Deep golden yellow, fine spike	$0 35	$2 00
Crocosmæflora Bouquet Parfait. Large bright vermilion flowers, with deep yellow centers	35	2 00
Crocosmæflora California. Beautiful deep golden yellow; very fiue	35	2 00
Crocosmæflora Etoile de Feu. Bright vermilion, with deep yellow center; large	50	3 00
Crocosmæflora Fire King. Scarlet; splendid.	60	3 25
Crocosmæflora George Davison. Pale orange, yellow, splendid	75	4 00
Crocosmæflora Germania. Large, orange-scarlet, very beautiful	90	5 00
Crocosmæflora Golden Sheaf. Bright yellow.	35	2 00
Crocosmæflora Soleil Couchant (Sunset). Goldeu yellow	40	2 50
Crocosmæflora speciosa. Copper, with yellow edge	35	2 00
Crocosmæflora Sunbeam (Rayon d'Or). Rich yellow, spotted brown; large flowers	$0 35	$2 00
Crocosmæflora type. Fine scarlet aud yellow	35	2 00
Pottsii. Orange and scarlet; very free-flowering	35	2 00
Rosea. Bright salmou-rose; distinct	50	3 00

Muscari

Commonly called Grape, Nutmeg, Feathered, etc., Hyacinths. Mailing weight—Doz. 4 oz., 100 2 lbs.

Very pretty, hardy bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots amoug short grass. They succeed in almost any soil and situation, and require little care. Also suitable for growing in pots in the house, five or six bulbs in a pot.

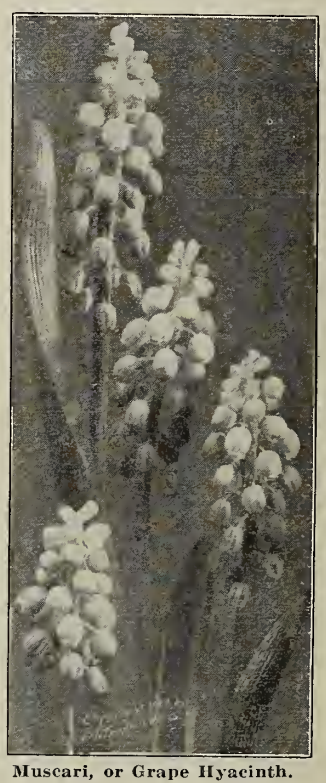
	Doz.	100
Muscari botryoides coeruleum. Blue Grape Hyacinth	$0 25	$1 00
Muscari botryoides album. White	35	1 75
Muscari comosum. Blue Tasseled Hyacinth	35	2 00
Muscari commutatum (Compactum). Dark blue	35	1 75
Muscari Heavenly Blue. Light blue; strong-growing variety	35	2 00
Muscari plumosum. Large Feathered Hyacinth	35	2 00
Muscari monstrosum. Purple Feathered Hyacinth	50	3 00
Muscari racemosum. Blue Starch Hyacinth	35	2 00

Nerine

READY IN OCTOBER AND NOVEMBER. Mailed Free.

Very beautiful greenhouse bulbous plauts succeeding best in pots in light soil—say a compost of loam, leaf-mold and sand. Frequent repotting is not advisable, but an annual top-dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die, they should be kept quite dry iu a cool place until they begin to grow again.

	Each
Flexuosa. Bright crimson-scarlet, tinged with orange	$3 00
Flexuosa alba. Pure white	2 50
Fothergilli major. A magnificent plant for house or conservatory. Intense shining scarlet. By artificial light the crystalline cells of the petals sparkle like jewels. Flowers freely	1 75
Sarniensis (True Guernsey Lily). Flowers brilliant crimson, in large clusters. The best-known sort	$0 60
Undulata. Rosy carmine, edged white; very haudsome	1 00



Muscari, or Grape Hyacinth.

Oxalis READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—1 lb. per 100.

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging-baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early iu October; keep in moderate temperature.

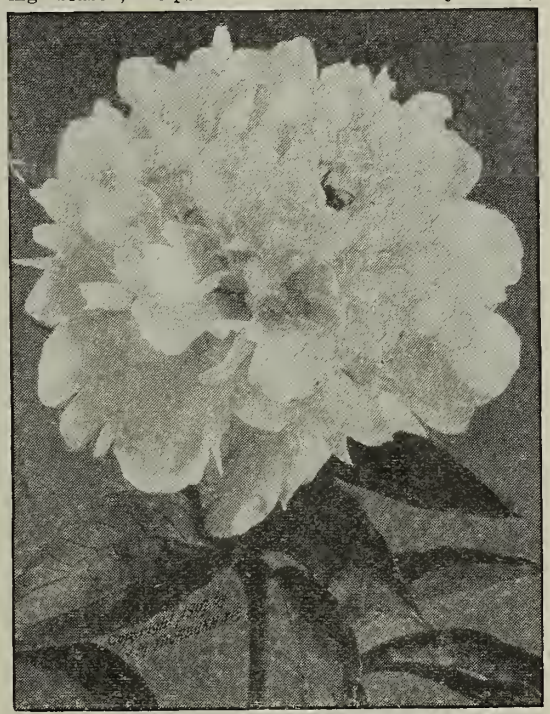
	Doz.	100
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure, bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot. First size	$0 25	$2 00
Bowiei. Crimson	35	2 00
Grande Duchesse—		
Grandiflora alba. White	35	1 75
Grandiflora Lavender	35	1 75
Grandiflora Pink	35	2 00
Lasiandra. Violet-purple; fine, large flowers; very showy	35	1 75
Multiflora alba	35	2 00
Rubella. Purple	35	1 75
Mixed	20	1 00

Paeonies READY IN OCTOBER.

(Finest Imported Roots)

If to be sent by mail add postage at zone rates—1 lb. each, 9 lbs. doz.

The old-fashioned double Paeonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Paeonies rank about first for lawn or flower-border or shrubbery decoration. Paeonies do best in deep, rich, rather moist soil. The plants are gross feeders, and the soil should be well worked before planting, and enriched with cow manure. Clean cultivation should be given. An annual top-dressing of short, well-rotted manure should be given in November, and forked into the soil in spring. Liquid manure, given in the growing season, helps the bloom wonderfully. They need abundant water, and if they suffer from drought at blooming time there are likely to be small flowers and blighted buds. The crowns should be set in planting about 2 inches below the surface. They may be set in spring or fall, to bloom the following summer. They are all hardy. We offer only strong, flowering roots, **with not less than three eyes.**



Festiva Maxima Paeony.

Herbaceous Chinese Paeonies

(Paeonia chinensis)

	Each	Doz.
Alba plena. Pure white; fragrant	$0 35	$3 00
Beaute Francaise. Rose and carmine	40	4 00
Boule de Neige. Sulphury white; center petals with rosy borders	50	5 00
Canary. Sulphury white	60	6 00
Charlemagne. Creamy white, center lilac and chamois	45	4 50
Comte de Niepperg. Bright carmine; early	60	6 00
Cytherie. (Calot.) Flesh-color, nearly white, carmine-spotted	45	4 50
Edulis superba. Bright rosy pink	50	5 00
Faust. Light rose	50	5 00
Festiva. White, with carmine spots	50	5 00
Festiva maxima. White	60	6 00
Humei carnea. Rose passing to white	50	5 00
Jeanne d'Arc. Rose, sulphur and rosy white center	50	5 00
Jules Calot. Pink, center rose	60	6 00
Lady Bramwell. Silver rose	60	6 00
Louis Van Houtte. Cherry-color, with purplish reflection	50	5 00
Madame Geissler. Light pink, large flower, early	60	6 00
Magnifica. Tender rosy, center creamy white	60	6 00
Marie Lemoine. Pure white; a very large and splendid flower	75	7 00
Meissonier. Purplish red	50	5 00
Monsieur Krelage. Wine-color	60	6 00
Queen's Perfection. Yellowish white, center yellow	50	5 00
Queen Victoria. Rose; dark rose center	50	5 00
Rubra triumphans. Carmine	50	5 00
Triomphe de l'Exposition de Lille. Light rosy; fine-shaped flower; early	60	6 00
Zoe Calot. Brilliant rose, with lilac	50	5 00
Double, Mixed, White	25	2 00
Double, Mixed, Crimson	25	2 00
Double, Mixed, Rose	25	2 00
Double, Mixed, Pink	25	2 00
Double, Mixed, Carmine	25	2 00

Japanese Tree Paeonies

(Paeonia arborea)

Mailing rate 2 lbs. each.

These are very beautiful and free-flowering, and bloom two or three weeks earlier than the herbaceous sorts. We are importing an assortment of the following fine named varieties. $1.50 each.

Belle d'Orleans. Rosy carmine.

Blanche de Chateau Futu. Pure white.

Comtesse de Tuder. Tender rosy white; very double, fine-shaped flower.

Elisabeth. Brilliant pink; one of the largest flowers.

Fragrans Maxima Plena. Brilliant salmon rosy; large double flower.

Japanese Tree Paeonies, continued

Madame Stuart Low. Reddish salmon, white center; large flower.

Triomphe de Gand. Bright rosy, with white border; large flower.

Paeonia Officinalis

Mailing rate 2 lbs. each.

	Each	Doz.
Anemonaeflora. Large; crimson; single anemone-flower shape	$0 60	$6 00
Atro-rubra plena. Dark red	35	3 50
Mutabilis plena. Tender rose, passing to white; double	45	4 50
Rosea plena. Pink	50	5 00
Tenuifolia, Single-flowering. Rich crimson; narrow-leaved, feathery foliage	45	4 50

Phlox Decussata

(Perennial Phlox)

In the following varieties—all 25 cts. each, $2.50 doz. Mailing rate—4 lbs. doz.

Aquillon. Carmine.
Boule de Feu. Fiery red.
Coquelicot. Crimson eye.
Eclaneus. Carmine and Salmon.
Flambeau. Crimson.
Jeanne d'Arc. Pure white.
Pantheon. Rose.
Pecheur d'Islande. Fiery red.
Phlox suffruticosa. Snowdown, white.

Ranunculus READY IN SEPTEMBER

If to be sent by mail add postage at zone rates

Mailing rate—1 lb. 100.

The main soil for these should be loam or clay, with a good dressing of rotted manure and leaf-mold; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

Persian Ranunculus

	Doz.	100
Fireball. Brilliant scarlet	$0 30	$1 75
Jaune Supreme. Splendid yellow	35	2 50
Mont Blanc. The finest pure white variety	35	2 00
Orange Brilliant. Deep yellow, tinged orange, black center	30	1 75
Queen of the Netherlands. Violet-black	$0 35	$2 00
Persian Mixed	20	1 00
French Mixed	20	1 00

Turban Ranunculus

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	Doz.	100
Grandiflora. Crimson	$0 30	$1 75
Romano. Scarlet	25	1 50
Seraphique. Citron	35	2 00
Souci Dore. Orange	35	2 00
Viridiflora. Scarlet; green center	35	2 00
Mixed Turban	20	1 25

Richardia (Calla)

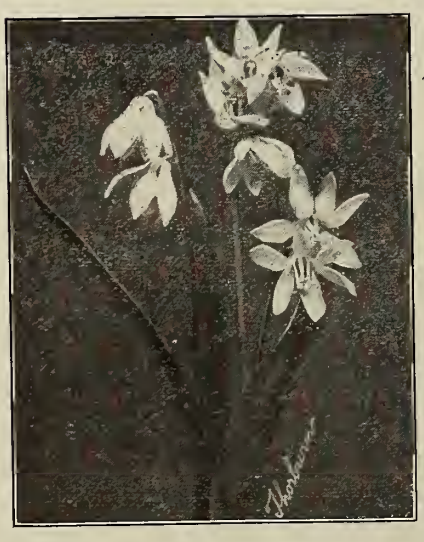
READY IN OCTOBER AND NOVEMBER

If to be sent by mail add postage at zone rates as per weight indicated.

Tall-growing, bulbous perennials of graceful habit, and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting in September.

	Each	Doz.
White Calla, or **Lily of the Nile** (Calla aethiopica). Large, white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. Largest-size bulbs. Doz. 4 lbs.	$0 25	$2 50
Second-size bulbs. Doz. 3 lbs.	25	2 00
Black Calla. See Arum palaestinum sanctum. Doz. 2 lbs.	25	2 50
Red Calla (Arum cornutum). Flowers red, spotted black; stem mottled; a handsome pot-plant. Each 8 oz., doz., 5 lbs.	20	1 75
ELLIOTTIANA, Yellow, Spotted Leaf. Dark green leaves, spotted silvery white. Doz. 2 lbs.	30	3 00

Arum Palaestinum Sanctum.



Scilla Sibirica Alba

Scilla

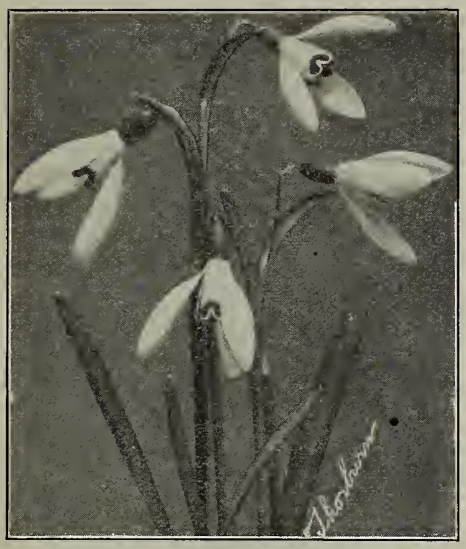
READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—6 oz. doz., 3 lbs. 100.

S. Peruviana requires slight protection; all the others are quite hardy, and may remain in the ground several years. The effect in early spring of the inteusely rich blue, early-flowering Scilla, contrasting with the snow-white of the snow-drop and the varied hues of the crocus, is very striking; most valuable for permanent edging, or planted in bunches of a dozen or so.

	Doz.	100
Sibirica. Blue. Extra-large bulbs.	$0 30	$1 75
Sibirica alba. White-flowered variety of the above	30	1 75
Bifolia. Blue	35	2 25
Campanulata (Wood Hyacinth). Coerulea. Blue	30	1 75
Campanulata alba. White	30	1 75
Campanulata rosea. Rose	30	1 75
Nutans alba	30	1 75
Nutans coerulea. (Nodding Squills). Blue	30	1 75
Nutans rosea. Rose	30	1 75
Peruviana alba (White Cuban Lily) Each $0 25	2 50	
Peruviana coerulea (Blue Cuban Lily) Each 25	2 50	

If to be sent by mail add postage at zone rates



Snowdrops.

Snowdrops

(Galanthus nivalis)

READY IN SEPTEMBER

Mailing rate—4 oz. doz., 2 lbs. 100.

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

Single-flowering Snowdrops. 25 cts. per doz., $1.25 per 100, $7.50 per 1,000.

Double-flowering Snowdrops. 30 cts. per doz., $1.75 per 100, $11 per 1,000.

Giant Snowdrops of Asia Minor (Galanthus Elwesii). Extra-size bulbs, 30 cts. per doz., $1.75 per 100, $12 per 1,000.

Spiraea, or Astilbe

READY IN NOVEMBER

Mailing rate 2 lbs. each.

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purposes, for which they are eminently adapted, either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

	Each	Doz.
Astilbe Arendsi, Ceres. Bright rosy lilac; very fine	$0 20	$2 00
Astilboides floribunda. Very large, pure white plumes; neat habit; very abundant bloomer.	15	1 00
GLADSTONE. A hybrid Spiraea, with beautiful, snow-white plumes, borne on strong stems 1½ feet long, standing erect above the foliage. The plant is perfectly symmetrical in shape, the foliage very handsome and the flowers exquisitely fragrant. Fine forcer	15	1 50
Japonica (Hoteia). Excellent pot-plant for winter-blooming. Large, branching panicles of pure white, feathery flowers; fine for cutting. Clumps for forcing or outdoor planting	15	1 50
Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome, pure white flowers make it a most elegant pot-plant	15	1 50

	Each	Doz.
NAARDEN. Pink-flowering; early bloomer. Fine forcer	$0 50	$5 00
QUEEN ALEXANDRA, PINK. A splendid pink variety, in habit similar to the well-known Gladstone, but flowering two weeks later. It is a very free bloomer and bears its flowers well above the strong, dark green foliage. When forced it must be shaded, as soon as it starts to color. It is a splendid outdoor plant, being as hardy as the old Spiraea japonica. Its color will not fade even in the brightest weather	25	1 75
WASHINGTON. A splendid decorative plant, producing extra-large flowers. Strong grower; fine for forcing	25	1 75

Spiræa Naarden

Trillium

(American Wood-Lily, or Indian Shamrock)

Mailing rate—1 lb. doz., 7 lbs. 100.

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are natives of North America, and are known by various common names in different localities. They have violently emetic roots.

Trillium sessile californicum

Trillium, continued

If to be sent by mail add postage at zone rates

	Each	Doz.	100
Erectum. Dark purple; erect habit	$0 10	$0 80	$5 00
Grandiflorum ("Giant American Wood-Lily," or "Wake-Robin"). Large, white flowers, changing to rose; quite hardy, and easily grown in shaded positions	10	60	3 50
Ovatum. White, changing to rose	10	80	5 00
Sessile californicum. A strong plant, 1 ft. high, with the separate leaves 5½ inches long by 4½ inches wide and the petals 3½ inches long. Flowers pure white with purple centers; very fragrant	12	1 00	6 50
Sessile rubra. Same as Californicum, with narrow petals; deep maroon-purple to reddish purple	12	1 00	6 50
Sessile Snow Queen. Flowers pure white with creamy centers and with broad petals..	12	1 00	6 50

Tuberoses

READY IN DECEMBER

Mailing rate—2 lbs. doz.

The purity of color and rich perfume of the Tuberose are well known. In this latitude May 1 is early enough to plant in the open ground, but the bulbs may be started in pots much earlier if desired. They do best in a rich, warm soil and a sunny situation. Set so that the top will be 1 inch below the surface of the soil.

	Each	Doz.	100
Dwarf Double Pearl. Dwarf habit; large, fine flowers of great substance	$0 08	$0 50	$2 00
Albino. Purest white; single flowers	10	60	3 50
Variegated-Leaf. Foliage striped white and green; single white flowers	10	60	3 50

Bulbocodium

Leucojium

Chionodoxa

Miscellaneous Bulbs and Roots

Those marked with an asterisk (*) will not be ready till October or November.

If to be sent by mail add postage at zone rates, according to indicated weight.

	Each	Doz.	100
*Achimenes. Mixed. Lovely greenhouse pot-plants. 3 lbs. 100	$0 06	$0 60	$3 25
Aconite. See Eranthis.			
*Alstrœmeria aurea (Aurantiaca). Tall, handsome, hardy plants. Orange-yellow, spotted black. 2 lbs. doz	06	60	

MISCELLANEOUS BULBS AND ROOTS, continued

If to be sent by mail add postage at zone rates

	Each	Doz.	100
Alstroemeria brasiliensis. Deep red, with black spots. 2 lbs. doz.	$0 06	$0 60	
*Anomatheca cruenta. Rich crimson flowers; neat, dwarf habit; excellent for window-garden. Half hardy when planted in warm, sunny situation in the open border. 2 lbs. 100		25	$1 25
*Anthericum. Ornamental border plants; also fine for pot culture. Do best in light, rich soil, and require pleuty of water while growing.			
*Anthericum Liliago (St. Bernard's Lily). Pure white flowers; 1½ feet high. 1 lb. doz.	12	1 00	
*Anthericum Liliastrum major (St. Bruno's Lily). Pure white; fragrant. 1 lb. doz..	12	1 00	
*Antholyza. Mixed. Like Gladioli. Take up in fall. 2 lbs. doz.	10	75	4 00
*Apios tuberosa. Hardy climber, with clusters of fragrant purple flowers. 1 lb. doz.		50	3 00
Babiana. Very ornamental, flowers occasionally fragrant. Mixed colors; for pots. 1 lb. 100	10	85	5 00
Bleeding Heart. See Dicentra below.			
Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest spring plants, blooming even before the crocus. 2 lbs. 100		50	3 00
Calla. See Richardia, page 26.			
Camassia Cusickii. Superb variety with very large leaves and lovely, pale sky-blue flowers produced in racemes 2 to 3 feet long	15	1 25	
Camassia esculenta. Pretty violet-blue flowers; fine for cutting. 3 lbs. 100		25	1 50
Camassia Leichtlinii. Purple. 3 lbs. per 100	15	1 25	
Chionodoxa gigantea. Flowering very early. May be grown in pots, forces well if allowed to make good roots, although it does remarkably well out of doors, perfection is best attained growing it in small pits or under handlights. Very large lilac-blue flowers, with large white eye. 2 lbs. 100		40	2 00
Chionodoxa Luciliae ("Glory-of-the-Snow"). Porcelain-blue, white eye.		35	1 75
Chionodoxa Sardensis. Lovely deep blue flowers, produced in great number		35	1 75
Clematis coccinea. A hardy herbaceous perennial climber; flowers rich scarlet. 1 lb. doz.	15	1 50	8 00
Colchicum. Also called Autumn Crocus or Meadow Saffron, given some protection in winter, they remain in good condition for many years. Mixed. Many bright colors. 2 lbs. doz	10	50	3 00
Cooperia Drummondii (Evening Star). Tender bulbous plants, of the habit of Zephyranthes. Should be taken up in autumn and stored in dry soil during winter. White. 2 lbs. 100	05	40	2 50
Cooperia peduncularis. Beautiful white, fragrant flowers	05	40	2 50
Corydalis bulbosa rubra. Rosy purple; very early, spring flowering. 1 lb. 100	15	40	2 50
*Crocosmia aurea (Tritonia). Half-hardy; orange flowers. 1 lb. doz	15	1 50	
Darlingtonia (Pitcher Plant). Interesting and distinct sort, the pitchers grow in clusters 1 to 2 ft. high. Require protection in winter. 2 lbs. doz	50	4 50	
*Dicentra spectabilis (Dielytra; Bleeding Heart). Hardy; also for forcing. 1 lb. each, 8 lbs. doz.	20	1 75	10 00
Eranthis hyemalis (Winter Acouite). A hardy, tuberous-rooted perennial, flowers. Yellow. 1 lb. 100		25	1 25
Eucharis amazouica. Fine, white-flowered greenhouse plant; magnificent. 2 lbs. doz..	85	7 50	
Funkia alba marginata. Green foliage, margined white. 1 lb. each., 10 lbs. doz..	30	2 50	
*Geranium sanguineum. Hardy perennial. Crimson-purple flowers. 1 lb. doz	20	1 50	
*Haemanthus albiflos. White; fine for pots. Summer and autumn flowering	1 00		
*Haemanthus coccineus. Scarlet; for pots	2 00		
*Haemanthus puniceus. Orange-red; for pots	1 75		
*Hemerocallis. Delightful hardy herbaceous perennials, beautiful by day, the blossoms close at night. Apricot. Distinct rich apricot. 5 lbs. doz.	15	1 25	8 00
*Hemerocallis, flava. Clear yellow. 5 lbs. doz	12	1 00	5 50
*Hemerocallis, fulva. Coppery orange, shaded crimson. 5 lbs. doz	15	1 25	8 00
*Hemerocallis, Kwanso flore pleno. Coppery orange; double. 5 lbs. doz	15	1 25	8 00
*Hemerocallis, Sieboldi. Reddish orange. 5 lbs. doz.	15	1 00	6 00

MISCELLANEOUS BULBS AND ROOTS, continued

If to be sent by mail add postage at zone rates

	Each	Doz.	100
*Hyacinthus candicans. A snow-white, summer-flowering, giant Hyacinth. 5 lbs. doz.	$0 05	$0 50	$3 00
*Incarvillea Delavayi. Large; rosy purple; fine hardy perennial; handsome foliage. 6 lbs. doz	12	1 00	
Leucojum aestivum. Summer-flowering, White Snowflake. 4 lbs. 100	05	40	2 50
Leucojum vernum. Spring-flowering dwarf Snowflake. 4 lbs. 100	05	40	2 50
Ornithogalum arabicum. White, with black center; valuable for forcing. Flowers in May and June	05	50	3 00
Ornithogalum pyramidale. Showy spikes of white flowers	15	1 25	
Ornithogalum umbellatum (Star of Bethlehem). Outtside green-and-white striped, inside satiny white; flowers in umbels; very showy	05	35	2 00
*Pancratium calathinum (Basket Flower). Sometimes called spider or spirit Lilies. Very fragrant white flowers. 2 lbs. doz.	15	1 25	8 00
*Pancratium maritimum (Sea Daffodil). Delightfully fragrant; white. 2 lbs. doz	20	1 50	10 00
*Schizostylis coccinea. Scarlet gladiolus-like flowers in spikes. 2 lbs. 100	08	65	4 00
Sparaxis. A spring blooming flower of the Ixia type. Finest mixed. 2 lbs. 100		25	1 20
*Tricyrtis hirta (Toad Lilies). Beautiful; fall-flowering; hardy; from Japan. 3 lbs. 100	20	1 50	10 00
Triteleia uniflora (Spring Star Flower). Pure white, shaded with blue; hardy. 3 lbs. 100		20	1 00
*Tritoma uvaria grandiflora (Red-hot-Poker Plant). Half-hardy. 2 lbs, doz	15	1 40	9 00
*Tritoma MacOwani. Dwarf variety; bright orange-red. 2 lbs. doz	15	1 25	8 00
*Tritoma Pfitzeri. Large spikes of intense flame-colored flowers. In beds it makes a gorgeous display. It should be planted in spring. 2 lbs. doz	30	2 25	14 00
*Tritonia crocata. Summer flowering, to be handled like Gladioli. Mixed. 3 lbs. 100	06	50	3 00
*Trollius europæus. Yellow. 5 lbs. doz	20	1 75	
*Trollius caucasicus (Orange Globe). Large, globular, golden yellow flowers. 5 lbs. doz.	25	2 50	
*Tropæolum tricolor (Jarratti). Fine greenhouse climber; for pots	20	2 00	
*Tropæolum speciosum. Half hardy, slender, climbing vine. Brilliant scarlet	15	1 50	
*Tydæa. Mixed. Very showy. Flowers often scarlet, golden, or spotted.	15	1 25	

***WATSONIA ARDERNEI** (O'Brieni). Each bulb produces from 50 to 100 large and very beautiful snow-white gladiolus-like blooms over 3 inches in diameter. Fine for forcing in the greenhouse or for planting outdoors in spring. 2 lbs. doz. 25 cts. each, $2.50 per doz.

***Zephyranthes** Atamasco (Fairy Lily). Pure white. 15 cts. each, $1.25 per doz., $8 per 100. 1 lb. doz.

***Zephyranthes** candida. Most popular of white-flowered Zephyr Lilies, leaves appearing with the flowers and lasting through the winter in favored localities. White, greenish base. 5 cts. each, 50 cts. per doz., $3 per 100.

***Zephyranthes** rosea. 10 cts. each, $1 per doz., $6 per 100.

Hyacinthus Candicans

Watsonia Ardernei

Hardy Annual and Perennial Flower Seeds

FOR AUTUMN SOWING

Mailed free of postage

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials**, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the spring. For full descriptions see our General Seed Catalogue. Character and Hardiness indicated by letters A, Annual; B, Biennial; P, Perennial; h, hardy; hh, half hardy; g, greenhouse; t, tender.

	Pkt.
Acanthus mollis (hP)	$0 10
Achillea Ptarmica, Double, "The Pearl" (hP)	25
Aconitum Napellus (hP)	10
Adonis vernalis (hP)	05
Alyssum maritimum (Sweet Alyssum) (hA)	05
Alyssum maritimum, Little Gem	10
Alyssum maritimum, Thorburn Bouquet	15
Alyssum saxatile compactum	05
Anemone coronaria, St. Brigid (hP)	10
Aquilegia (hP) cœrulea	15
Aquilegia cœrulea hybrida	15
Aquilegia Long-spurred hybrids, Mixed	25
Aquilegia vulgaris, Single Mixed	05
Aquilegia vulgaris, Double Mixed	05
Aquilegia Collections. 12 choice varieties	50
Arabis alpina (hP)	10
Bocconia japonica (hP)	10
Campanula Medium (hB). White	05
Campanula Medium. Single Mixed	05
Campanula Medium. Double Mixed	10
Campanula persicifolia grandiflora (hP). Blue	25
Campanula persicifolia grandiflora. White	25
Campanula persicifolia grandiflora. Mixed	25
Campanula pyramidalis (hhP). Blue	10
Campanula calycanthema (hB). Blue	10
Campanula calycanthema. White	15
Campanula calycanthema. Rose, fine	15
Campanula calycanthema. Mixed	10
Callirhoe involucrata (hP)	05
Calampelis scabra (hP). Fine climber for trellises	10
Candytuft sempervirens (hP)	15
Candytuft gibraltarica	15
Centaurea (Blue Cornflower) (hA)	05
Centaurea Mixed Cornflower	05
Centaurea gymnocarpa (P)	10
Centaurea imperialis. White	10
Centaurea imperialis. Lavender	10
Centaurea Collection of Centaurea Cyanus. 6 varieties	30
Corcopsis lanceolata grandiflora (hP)	10
Daisy, Double (hP). White (Snowball)	10
Daisy, Double. Red	10
Daisy, Double. Longfellow	10
Daisy Shasta	10
Delphinium Brunonianum (hP). Beautiful Blue	25
Delphinium chinense. Mixed	10
Delphinium formosum. Blue	20
Delphinium Zalil. Yellow	30
Delphinium elatum hybridum. Mixed	10
Delphinium Large-flowering Hybrids. Mixed	25
Dictamnus fraxinella (hP). Red	10
Dictamnus fraxinella. White	10
Echinops Ritro (hP). Blue	10
Eschscholtzia Thorburni (hA). Grandest of all	10
Eschscholtzia Burbank's Crimson-flowering	10
Eschscholtzia The Golden West	05
Forget-me-not (Myosotis) alpestris (hB). Blue	10
Forget-me-not (Myosotis) alpestris alba	10
Forget-me-not (Myosotis) alpestris robusta grandiflora	15
Forget-me-not (Myosotis) alpestris Victoria	15
Forget-me-not (Myosotis) Palustris (hP). Dark Blue	10
Forget-me-not (Myosotis) Palustris semperflorens, bright blue, dwarf	25
Foxglove (hP). Purple	05
Foxglove. White	05
Foxglove. Mixed	05
Foxglove gloxiniæflora. Mixed	10
Foxglove monstrosa. Splendid Mixed	10
Foxglove. Collection of Foxgloves. 12 varieties	45
Gaillardia grandiflora maxima (hP)	10
Gaillardia picta (hA). Red and Yellow, very brilliant	05
Galega officinalis (hP)	05
Godetia gloriosa (hA). Darkest Red; dwarf; compact	10
Godetia grandiflora maculata. Large, white, blotched carmine	05
Godetia. Lady Satin Rose. Bright carmine	05
Godetia. Princess of Wales. Dark crimson	05
Godetia. The Bride. White, blush spots	05
Godetia. Collection of Godetia. 6 varieties	$0 25
Helleborus niger (hP)	10
Helleborus niger. New Hybrids	25
Heuchera. Mixed (hP)	15
Heuchera sanguinea splendens	25
Hollyhock. Double Mixed (hP)	10
Hollyhock. In 6 separate colors	Each 10
Hollyhock. Collection 12 varieties	80
Hollyhock. Collection 8 varieties	60
Hollyhock. Collection 6 varieties	45
Lavatera arborea variegata (hB)	15
Linaria Cymbalaria (hP)	10
Lupinus polyphyllus Moerheimii. Rose and white, beautiful	25
Lupinus polyphyllus (hP). Mixed	05
Lychnis chalcedonica (hP)	05
Lychnis chalcedonica alba	05
Lychnis Haageana hybrida	10
Pansy. See page 33	
Phlox decussata. Mixed, perennial	10
Phlox decussata. Large-flowered. Mixed; hybrid perennial	15
PINKS (DIANTHUS CHINENSIS) (China or Indian Pinks). The flowers of all are double and showy.	
Double, Mixed China Pink. All best colors. ¼ oz. 25c., oz. 75c	05
Double, Very Dwarf, Mixed (Narcisse)	10
HEDDEWIGII (Japan Pinks). Unusually large and brilliant; often oddly edged, striped and ringed.	
Single, The Bride (Little Gem). White, with purple center	10
Single, Crimson Belle. Flowers large and handsome; dark red; on long, stiff stems	10
Single, Eastern Queen. Rose-colored flowers, 2 to 4 in. across; finely striped and stained	10
Single, Queen of Holland. Splendid; white	10
Single, Mixed Giant-flowered	10
Double, Mixed. A splendid assortment. ¼-oz. 40c, oz. $1.00	10
Double diadematus fl. pl. (Diadem Pink). Double; magnificent in color and variety.	10
Double, Fireball. Brilliant scarlet; very compact and floriferous; fine for massing	10
Double, Mourning Pink. Very large, double flowers of blackish crimson, fringed white; very effective, and a handsome cut-flower	10
Laciniatus, Oriental Beauty. Petals wide, crinkled, richly marked with pink, white, etc.	10
Laciniatus punctatus. Dark-shaded Princess Pink. Quite peculiar colors, such as purplish violet, blood-red, dark salmon, etc.	15
Laciniatus, Double, Mixed. ¼ oz. 50c	10
IMPERIALIS, FL. PL. (Double Imperial Pink). Robust, bushy grower, with large, double flowers.	
Double, Mixed.	10
Double, Dark Red. A deep, rich color	10
PLUMARIUS (Sweet May Pinks). These are fine, fragrant, hardy perennials of the old-time gardens, still reckoned among the most beautiful for massing and cutting.	
Pheasant's Eye. Pretty fringed flowers	05
Semperflorens (Perpetual Pink). Double, semi-double and single; of various colors	15
Single, Pink, Mixed	05
Hybrid Dianthus. A cross between Sweet William and China Pink. Very hardy; beautifully colored and marked; very fragrant	10
Collections of Pinks, including—	
12 varieties Fine China	50
8 varieties Fine China	40
6 varieties Fine China	30
Polyanthus (hP). Mixed	10
Poppy, Oriental (hP)	10

Hardy Annual and Perennial Flower Seeds, continued

	Pkt.
Poppy, Oriental. Mixed Hybrids	$0 10
Poppy nudicaule (Iceland Poppy)	10
Poppy nudicaule album	10
Poppy nudicaule. Mixed	10
Primula vulgaris (hP) (English Yellow Primrose)	10
Pueraria Thunbergiana (Kudzu Vine) (P)	10
Pyrethrum atrosanguineum (hP)	10
Pyrethrum roseum hybridum. Double Mixed	25
Pyrethrum Parthenifolium aureum	10
Scabiosa caucasica (hP)	10
Snapdragon (P). Tall Mixed	05
Snapdragon. Queen of the North	$0 10
Snapdragon. Queen Victoria	10
Snapdragon. Black Prince, Dwarf	10
Snapdragon. Collection of 12 varieties, finest, tall	40
Snapdragon. Collection of 6 varieties, finest, tall	25
Sweet William (hB). White, Double	10
Sweet William. Single Mixed	05
Sweet Peas. See page 33.	
Stokesia cyanea (hP). Blue	10
Trifolium suaveolens (hA)	05

Flower Seeds for Frames and Greenhouses

	Pkt.
Abrus precatorius (Prayer Bean). Climber	$0 05
Abutilon. Mixed	25
Acacia decurrens	05
Acacia melanoxylon	10
Acacia mollissima floribunda	10
Acacia podalyriæfolia. Canary Yellow. Fine for cutting	15
Acacia. Mixed	05
Asparagus plumosus nanus. 100 seeds, 50c	10
Begonia. Single Tuberous-rooted	25
Begonia. Erfordi	25
Begonia semperflorens alba	25
Begonia semperflorens Vernon	25
Candytuft (hA). Giant Hyacinth-flowered. White	05
Carnation (hhB). Margaret, Double, White	10
Carnation. Margaret, Double, Mixed	10
Carnation. Chabaud Perpetual Double	25
Carnation. Collections of Carnations—	
50 varieties	3 00
18 varieties	1 50
12 varieties	90
6 varieties	60
Cineraria hybrida. White	25
Cineraria hybrida. Splendid Mixed	25
Cineraria hybrida. Large-flowered, Half-Dwarf	60
Cineraria hybrida. Large-flowered, Prize Mixed	60
Clianthus Dampieri. Scarlet	25
Coleus. Finest large-leaved sorts	50
Cyclamen giganteum, Mont Blanc	25
Cyclamen giganteum, albo-rubrum	25
Cyclamen giganteum, dark red	25
Cyclamen giganteum, roseum	25
Cyclamen giganteum. Salmon Queen	25
Cyclamen giganteum. Vulcan	25
Cyclamen giganteum. Mixed	25
Fuchsia. Double or Single Mixed.....Each	50
Genista canariensis	10
Heliotrope. Fine Mixed	10
Heliotrope. Lemoine's Giant Mixed	15
Impatiens Sultani. Rose	25
Impatiens Sultani. Mixed	25
Impatiens Holstii	25
Lobelia erecta (tA). Crystal Palace compacta.	20
Lobelia erinus alba	05
Lobelia erinus speciosa	10
Lobelia erinus. Paxtoniana. Blue and white.	$0 10
Lobelia erinus. Royal purple, deep blue with distinct white eye	10
Lobelia. Collections of Lobelia—	
12 varieties	60
6 varieties	40
Mandevillea suaveolens. White	10
Maurandya. Barclayana. Blue	10
Mignonette (hA). Machet.	10
Mignonette. Machet. Golden	10
Mignonette. Allen's Defiance. Large spikes	10
Mignonette. Crimson Queen (Paris Market)	10
Mignonette. Diamond. Pure white	10
Mignonette. Gabrielle. Large; red	10
Mignonette. Golden Queen	10
Mignonette. Parsons' White	10
Mignonette. Victoria. Red, compact	10
Mignonette. Collection of 12 varieties	50
Primula obconica grandiflora. Hybrid. Mixed	25
Primula chinensis fimbriata rubra	25
Primula chinensis fimbriata coccinea	35
Primula chinensis fimbriata. Extra fine. Mixed	25
Primula chinensis fimbriata filicifolia. Mixed.	50
Smilax	10
Stevia serrata	10
Stocks, Winter. Mixed (hhB)	25
Stocks, Winter. Beauty of Nice. Flesh-colored, extra large flowers	25
Stocks. Dwarf Large-flowering. Mixed (hhA)	10
Stocks. Cut-and-Come-Again. White (hhA)	10
Stocks. Collections of Stocks—	
12 varieties, Fine Winter or Brompton	80
6 varieties, Winter Dwarf Bouquet	50
Vinca alba pura	10
Vinca rosea red	10
Vinca rosea alba	10
Vinca rosea. Mixed	10
Wallflower (hhP). German Double. Mixed	25
Wallflower. Single, Brown	05
Wallflower. Single, Yellow	05
Wallflower. Single, Mixed	05
Wallflower. Collection of 12 varieties, double flowering German	1 00
Wallflower. Collection of 8 varieties, double flowering German	80
Wallflower. Collection of 6 varieties, double flowering German	65

Pansy

To have fine Pansies for spring flowering, the seed should be sown in frames in August, and not later than September.

VARIOUS MIXTURES

	¼ oz.	Oz.	Pkt.
Thorburn Superb. The richest and most choicely varied mixture possible. It produces only the finest colors, largest flowers and most beautiful forms	$1 75	$6 00	$0 25
Bugnot Superb Blotched. An exceedingly large, three-blotched strain, with upper petals finely lined; great diversity of finest colors	1 25	4 00	25
Cassier, Finest Mixed. Flowers of grand size; beautifully spotted	1 25	4 00	25
Masterpiece. Curled, wavy petals, splendid colors; distinct	50	1 75	15
Masterpiece. From the originator			35
Madame Perret. A splendid giant-flowered strain, comprising all shades of red	35	1 25	10
Giant Orchid-flowered Mixed. A splendid, distinct race, showing remarkable combinations of colors	$0 60	$2 00	$0 15
Non Plus Ultra. A very rich mixture largely made up of **Cassier** and **Trimardeau** varieties	1 25	4 00	25
Parisienne Mixed. Handsome, large-flowering strain.	60	2 00	15
Fine Large English. All colors mixed	45	1 50	10
Mixed. Ordinary strain	20	75	05

SEPARATE COLORS

Azure-Blue. Very fine color	35	1 25	10
Black (Faust; King of the Blacks). Almost coal-black	35	1 25	10
Cardinal. Brilliant red; very fine	85	3 00	25

Pansy, continued

Separate Colors, Continued

	¼ oz.	Oz.	Pkt.
Coquette de Poissy. Distinct mauve, shading to white on the petals	$0 35	$1 25	$0 10
Dark Purple	35	1 25	10
Dark Purple. Silver edged, margins pure white	45	1 50	10
Emperor William. Splendid; ultramarine-blue; very showy	35	1 25	10
Fawn-Color (Prince Bismarck). Quaint and pretty	35	1 25	10
Fire King. Golden yellow, upper petals purple	35	1 25	10
Lord Beaconsfield. Deep purple-violet, shading to light blue	35	1 25	10
Meteor. Bright yellow and brown, attractively blotched and margined	35	1 25	10
Odier. Five-blotched, improved extra choice strain	1 00	3 50	25
Orange. (New.) Very fine	60	2 00	15
Peacock. Large, peacock-blue flowers, edged with white	35	1 25	10
President Carnot. Pure white petals, each with a deep blotch.	75	2 50	25
Red Riding Hood. Red, free blooming	45	1 50	10
Snow Queen (Candidissima). Pure satiny white	45	1 50	10
Victoria. Claret red, very fine	45	1 50	10
White, with black center	45	1 50	10
Yellow, with black center	45	1 50	10
Yellow, with maroon eye	45	1 50	10
Tufted Pansies. A splendid strain; small, but very fragrant flowers	45	1 50	10

Trimardeau Giant

This strain has remarkably large flowers, carried well above their leaves, and generally marked with large blotches; plants are extra vigorous and compact.

	¼ oz.	Oz.	Pkt.
Giant, White	$0 45	$1 50	$0 15
Giant, Bridesmaid. Most beautiful rosy white ground with dark center blotches	75	2 50	25
Giant, Pure Yellow (Golden Crest)	45	1 50	15
Giant, Ruby King. Richest shades of red, scarlet, orange-scarlet and wine-red	60	2 00	20
Giant, Lord Beaconsfield. Lavender and purple	60	2 00	20
Giant, Prince Henry. Darkest blue; splendid	75	2 50	25
Giant, Adonis. Light blue. Splendid	75	2 50	25
Giant, Azure-Blue (Light Blue). Pure color	60	2 00	20
Giant, Fire King. Very showy	45	1 50	15
Giant, Hortensia, Red. Splendid.	60	2 00	20
Giant, Auriculæflora. Beautiful shades	45	1 50	15
Giant, Yellow. Dark center	45	1 50	15
Giant, White with Dark eye	35	1 25	10
Giant, Mixed	35	1 25	10
Choice Collections of Pansies, or Heartsease—			
18 varieties			1 25
12 varieties			65
8 varieties			50
6 varieties			40
10 varieties (Pictorial Pkts.)			65

Sweet Peas

Grandiflora Varieties, Spencer Varieties and Unwin Varieties

See Pages 69 to 71 of our GENERAL CATALOGUE

Christmas Sweet Peas

These varieties, if sown early in fall indoors, will bloom by Christmas and continue all winter. They may also be sown outdoors in the same way as other sorts for summer-flowering.

All 10 cts. per packet.

	Oz.	¼-lb.
Angeleno. Self-pink	$0 35	$1 00
Christmas Pink	35	1 00
Christmas White	35	1 00
Christmas Lavender (Mrs. Alex. Wallace)	35	1 00
Earliest of All. Pink-and-white, resembling Blanche Ferry	35	1 00

Sweet Peas in Mixture

	Pkt.	Oz.	¼ lb.	½ lb.	Lb.
THORBURN'S SPECIAL MIXED. Comprising the finest Eckford and other newest and best, large-flowering varieties	$0 05	$0 20	$0 50	$0 75	$1 25
SPENCER VARIETIES. Mixed, a very fine assortment of all the best varieties	10	35	1 00	1 75	3 00

Choice Vegetable Seeds

Beet

	Pkt.	Oz.	¼ lb.	Lb.
Crimson Globe. Tender and sweet	$0 05	$0 15	$0 40	$1 25
Crosby's Egyptian	05	15	35	1 25
Egyptian. Early; flat	05	10	30	1 00

Cabbage

Enkhuizen Glory	10	25	60	2 00
Early Jersey Wakefield	10	25	75	2 50
Large Flat Dutch, Thorburn's Private Stock	10	30	85	3 00
Steins Early Flat Dutch	10	25	75	2 50
Succession	10	25	75	2 50

Carrot

Early Scarlet Horn	05	15	30	1 00
Chantenay	05	10	30	1 00
Guerande, or Oxheart	05	15	30	1 00
Half Long Stump	05	10	30	1 00
Parisian Forcing	05	20	60	2 00

Cauliflower

Extra-Early Dwarf Erfurt.	50	5 00		
Thorburn's Extra - Early Snowball	25	2 25	7 50	28 00
Thorburn's Gilt Edge	25	2 25	7 50	28 00
Large Algiers	10	60	2 00	7 00
Extra Early Paris	10	50	1 75	6 00

Endive

Broad-leaved (Escarolle)	05	15	35	1 25
Large Green Curled (De Ruffec)	05	20	50	1 50

Kohlrabi

Early White Vienna	05	15	40	1 50

Lettuce

Big Boston	05	15	35	1 25
Butter Cup	05	15	40	1 50
Denver Market	05	15	30	1 00
Giant Crystal Head	05	15	35	1 25
New Orchid	10	40	1 25	4 00
White Summer Cabbage	05	15	35	1 25
Romaine, or Cos	05	20	50	1 50

Parsley

Extra curled	05	10	25	75

Onion

	Pkt.	Oz.	¼ lb.	Lb.
White Queen. Small	$0 05	$0 20	$0 50	$1 50
White Barletta	05	15	35	1 25
White Bermuda (Teneriffe-grown)	10	30	85	3 00
White Paris Silver-skin	05	15	35	1 25
Red, Australian	05	20	60	2 00
Red Wetherfield	05	15	35	1 25

Radish

Turnip, Early Scarlet	05	10	20	50
Turnip, Early Scarlet Globe	05	10	20	50
Turnip, Early Crimson Giant	05	10	20	60
Winter Scarlet Chinese	05	10	20	60
Winter Long Black Spanish	05	10	20	60
White Icicle	05	10	20	60

Spinach

Thorburn Long Season	05	10	15	35
Round Viroflay (Thick-leaved)	05	10	15	35
Curled-leaved Savoy, or Bloomsdale	05	10	15	35
Long-standing (Round, Thick-leaved)	05	10	15	35
Victoria	05	10	15	35
Prickly	05	10	15	35

Turnip

Red Top Globe	05	10	20	50
White Globe	05	10	20	50
White Milan	05	10	30	1 00
White Snowball	05	10	20	50
White Strap-Leaf	05	10	20	50
Golden Ball	05	10	20	50
Rutabaga, Thorburn Purple-Top, Improved	05	10	25	75

Mushroom Spawn

Cultural directions in our General Catalogue. Any one requiring fuller details should get Wm. Falconer's book on Mushroom Culture, sent post-paid for $1.

English Spawn. In bricks, weighing about 1½ lbs. Per brick, 20 cts.; 100 bricks, $12.

American Spawn. In bricks, weighing about 1 lb. Per brick, 20 cts.; 100 bricks, $16.

We pay postage on all Garden seeds ordered by the Pkt., Oz., or ¼ lb.

Insecticides and Remedies for Plant Diseases

(All subject to change in price.) If ordered by parcel post, add postage according to zone. Liquids and a few strong-smelling articles cannot be sent by Parcel Post

ANTIPEST. A sure destroyer of all insect pests.
Qt. ..... $0 45 | ½-gal. can $0 65
1-gal. can $1 25

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, etc. Use one part to forty of water. Does not injure the most tender plants.
¼-pt. ..... $0 25 | Pt. $0 65
½-pt. ..... 40 | Qt. 1 00
Gal. 2 50

ARSENATE OF LEAD. Does not injure tender foliage.
Lb. ..... $0 20 | 5 lbs. $0 90
100 lbs. 12 00

BORDEAUX MIXTURE. For all fungous diseases.

Dry—	Per lb.		Per lb.
1-lb. box	$0 20	5 lbs. and up to 50 lbs.	$0 18
50 lbs. and over			12

Liquid—
Qt. ..... $0 35 | Gal. $1 00

BUG DEATH. This is a fungicide, insecticide and plant-food combined, and contains neither paris green nor arsenic.
1 lb. pkg ..... $0 15 | 5 lb. pkg $0 50
3 lb. pkg. ..... 35 | 12½ lb. pkg 1 00
100 lb. pkg 7 50

DALMATIAN INSECT POWDER.
½-lb. box ..... $0 40 | 1-lb. box $0 75

FIR-TREE OIL. For greenhouse and house plants. Destroys insects without injuring plant. Dilute one pint to twenty gallons of water. Apply with vaporizer or syringe.
½-pt. ..... $0 55 | Qt. $1 75
Pt. ..... 1 00 | ½-gal. 3 00
Gal. 5 50

FIR-TREE-OIL SOAP. Mix at the rate of one ounce to a gallon of water, and apply with a bellows or syringe.
½-lb. tin ..... $0 25 | 2-lb. tin $0 75

Insecticides and Remedies for Plant Diseases, continued

If to be sent by mail add postage at zone rates

FISH-OIL SOAP. For washing trees and destroying all insects on the bark.

1 lb. box	$0 15	10 lbs.	$1 00
5 lbs.	65	100 lbs.	8 00

GRAPE DUST, Hammond's. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows.

5-lb. pkg.	$0 40	10-lb. pkg.	$0 70
100 lbs.	6 00		

HELLEBORE. Apply dry or mix in water—one ounce to three gallons.

1-lb. box	$0 25	2-lb. box	$0 45

KEROSENE EMULSION. For cabbage worms, scale on trees, caterpillars, melon lice, rose bugs, etc. Dilute twenty-five to fifty parts.

Qt.	$0 40	1 gal.	$1 25

LEMON OIL. For destroying scale, caterpillar, mealy bug, etc. Directions on can.

½ pt.	$0 25	Qt.	$0 75
Pt.	40	Gal.	2 00

NICOTICIDE. For fumigating or spraying. Effective against green fly, mealy bug, etc. Does not damage foliage or flowers. Sold in cans as follows:

4 oz. Sufficient for 8,000 cubic feet of space..$0 70
½ pt. Sufficient for 16,000 cubic feet of space 1 25
1 pt. Sufficient for 32,000 cubic feet of space. 2 50
Qts. 4 50
½ gals. 8 25
Gals. 15 00

FUMIGATORS ..... Each 60

NICO-FUME TOBACCO PAPER. For fumigating. Does not injure blooms. In tins.

24 sheets	$0 85	144 sheets	$4 00
288 Sheets	7 50		

NICO-FUME LIQUID. For fumigating or spraying. Effective against green fly, mealy bug, etc. For spraying, one to two teaspoonfuls to a gallon of water. Lamps, 60 cts. each.

¼ lb.	$0 50	4 lbs.	$5 50
Lb.	1 50	8 lbs.	10 50

PARIS GREEN. Mix at rate of one pound to two hundred gallons of water. Effective against all chewing insects.

¼-lb. can	$0 12	½-lb. can	$0 20
1-lb. can	35		

SLUG-SHOT, Hammond's. Excellent for destroying cabbage, turnip and beet flies, potato bugs, currant worms, etc.

5-lb. pkg.	$0 40	10-lb. pkg.	$0 60
100-lb. pkg.	5 50		

SULPHO-TOBACCO SOAP. Dissolve in proportion of two ounces to a gallon of water, and apply with a syringe or atomizer. It will destroy rose slugs, aphides, green fly, bark lice, etc.

3-oz. box	$0 10	8-oz. box	$0 20
10-lb. box	3 00		

SULPHUR, POWDERED. Protects against mildew on grapes, roses, etc.

Lb.	$0 10	10 lbs.	$0 60

TOBACCO DUST—

Ordinary Kind. For dusting.

Lb.	$0 10	10 lbs.	$0 60
5 lbs.	35	100 lbs.	3 50

Stoothoff's "Black Stuff." For dusting.

50 lbs.	$2 50	100 lbs.	$4 00

Stoothoff's "Fumigating Kind." For burning.

50 lbs.	$2 50	100 lbs.	$4 00

TOBACCO STEMS. For fumigating plants. In bales of about 100 lbs. Each, $1.50 per 100 lbs.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long and about 6 inches wide.

1-lb. can	$0 30	10-lb. can	$2 65
3-lb. can	85	20-lb. can	4 80

X-L-ALL LIQUID INSECTICIDE. For spraying. Purely nicotine; harmless to very delicate plants; kills mealy bugs, red spider and all insect pests.

Pt.	$0 65	½ gal.	$2 00
Qt.	1 20	1 gal.	3 75

For San Jose Scale

LIME-SULPHUR SOLUTION, California Wash. For San José scale. One gallon makes fifteen by adding water.

Qt.	$0 40	Gal.	$0 75
5 gals.	3 00		

SCALECIDE. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary. Add one gallon for every fifteen to twenty gallons of water.

Qt.	$0 40	Gal.	$1 00
5 gals.	3 50		

Thorburn's High-Grade Fertilizers,

All f. o. b., N. Y.

Thorburn's Lawn Fertilizer

Per ton	$45 00	50 lbs.	1 75
Single bag of 167 lbs.	5 00	25 lbs.	1 00
		10 lbs.	50
Per bag of 100 lbs.	3 00		

Thorburn's Complete Manure

Per ton	$40 00	50 lbs.	$1 65
Single bag of 167 lbs.	4 00	25 lbs.	1 00
		10 lbs.	50
Bag of 100 lbs.	2 75		

Pure Ground Bone Meal, No. 1

Finely pulverized.

5 lbs.	$0 30	50 lbs.	$1 50
10 lbs.	50	100 lbs.	2 50
25 lbs.	90	Per ton	37 00

THOMPSON'S VINE MANURE. Unrivaled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants and outdoor plants of every description. Splendid for lawns, etc.

Per cwt. (112 lbs.).....$6.75
½ cwt. (56 lbs.) 3.50

Thorburn's High-Grade Fertilizers, continued

If to be sent by mail add postage at zone rates

CLAY'S CELEBRATED FERTILIZERS. One of the best manures for all horticultural purposes.

1 cwt. (112 lbs.)	$7 00	¼ cwt. (28 lbs.)	$2.25
½ cwt. (56 lbs.)	4 00	⅛ cwt. (14 lbs.)	1 25

BOWKER'S AMMONIATED FOOD FOR FLOWERS. The best dressing for potted plants.

Small pkg. ..... $0 15 | Large Pkg. $0 25

MAK-GROW. A concentrated, odorless plant food for in- and out-door plants of all kinds.

1-lb. can $0 25

CANADA HARD-WOOD ASHES. Highest grade, extra screened, unleached.

Bags 100 lbs. .$1.75 | Per ton $26 00

Pulverized Sheep Manure

1-lb. pkg.	$0 10	50 lbs.	$1 50
5-lb. pkg.	30	100 lbs.	2 25
25 lbs.	90	Ton	34 00

Horticultural Implements, Etc.

Tall Hyacinth Glass

Tye's Shape

Flower or Tree Tubs

New York Style Tree Tubs. Made of cedar timber, painted green.

No.	Diam.	Height	Each
1	12 inches	10⅝ inches	$1 15
2	13 inches	12¾ inches	1 50
3	14½ inches	14¾ inches	1 85
3½	16½ inches	15¾ inches	2 45
4	19½ inches	16⅝ inches	2 65
5	22½ inches	18½ inches	3 45

Flower Vases. Indurated wood-fibre; for cut-flowers.

No.	Diam.	Depth	Each
0	8 inches	13 inches	$0 75
1	5½ inches	10 inches	65
2	4½ inches	9 inches	55
3	4 inches	6 inches	50

Bamboo Canes, Japanese. 6 feet long, $1.00 per 100; 8 feet long, $1.25 per 100. Not less than 100 sold.

Carnation Supports, Galvanized.	Doz.	100
2-ring	$0 60	$4 50
3-ring	75	5 00

Galvanized Wire Stakes. For roses, etc.

2 feet	$0 25	$1 75
3 feet	35	2 00
4 feet	40	2 50
5 feet	50	3 00

Glazing Points, Tiger Brand. 60 cts. per 1,000. Pincers for same, 55 cts. each.

Grape Scissors. Best English. For thinning the bunches. 6-in. 90 cts., 7-in. $1.25, 8-in. $1.50.

Grafting Wax. The best grade. ¼-lb. pkg. 10 cts., ½-lb. pkg. 15 cts., lb.-pkg. 25 cts.

English Hedge Shears—

Saynor—	Plain	Notch
8-in.	$1 50	$2 00
9-in.	2 00	2 25
10-in.	2 25	2 50

Wilkinson—	Plain	Notch
8-in.	$1 50	$1 75
9-in.	2 00	2 25
10-in.	2 25	2 50

Horse Boots. Made of very strong, heavy leather, closely riveted. Per set of 4, $9.

Hotbed Sash. Best quality. Packing at cost.

	Each	Doz.
Unglazed. 3x6 ft., for 10x12 glass	$1 25	$14 00
Glazed and Painted. 3x6 ft., 10x12 glass	4 00	40 00
Glazed and Painted. 3x6 ft., 10x12 extra heavy glass	4 75	54 00

Hyacinth Glasses, Tall or Tye's Shape. Blue, Green, and Purple. Either style. 20c. each, $2 per doz.

Mastica. For glazing greenhouses, sashes, etc. Per qt. 40 cts., gal. $1.35.

Mastica Glazing Machines. $1.25 each.

Mats, Hotbeds. Made of jute, stitched through, hemmed with canvas and thickly padded; size, 76 by 76 inches; one mat covers two sashes.
No. 1. Both sides jute, $1.75 each; $19 per doz.
No. 2. One side jute, the other side waterproof duck, $2.35 each, $25 per doz.

Pruners. Waters' Long-handled Tree. 4 feet, 75 cts. each; 6 feet, 85 cts. each; 8 feet, $1.00 each; 10 feet, $1.15 each. Extra blades, 25 cts. each.

Little Giant Pruner and Saw Combined. $1.75.

Rakes. All kinds. See page 134 General Catalogue.

SHEARS—	Each
Pruning, English Watch Spring	$1 50
Perfection Pruning. No. 1, 6½ inches	1 75
No. 4, 9½ inches	3 00
Wiss' Solid Steel Pruning. The best American shear. Detachable blades. 9-in.	$2 25
10-in.	2 50

Sprinklers, all for ¾-inch hose.

Ring Sprinkler	$0 75
Water Witch, No. 3	35
No. 4	80

Hotchkiss Lawn Sprinkler No. 55. Made of brass, nickel-plated; malleable iron runners; 3 arms. Covers an area 30 feet in diameter, $1.25.

Hotchkiss Lawn Sprinkler No. 65. Combination sprinkler and fountain. Brass and nickel-plated malleable iron runners. Covers an area 40 feet in diam., $1.75.

Horticultural Implements, Etc., continued

Self-Registering

Shower Sprinkler. Mounted on holder for sprinkling lawns—or can be attached to hose for washing sidewalks, etc. Cannot clog or get out of order; will not rust. Holder and nozzle complete, $2.

Hotbed and Mushroom Bed Thermometer

Thermometers. Hotbed and mushroom bed. Brass tips; made for plunging. Each, soft wood, $1.25; boxwood, $1.75.

Self-Registering, Polished Back. For indoor use; will register extremes of heat and cold; made of hardwood. A magnet is used to draw back the indicating points.

	Each
10-in.	$2 00
12-in.	2 50

Rubber Hose

(Three-quarter inch)

Our hose is carefully selected, made of first-class material, and coupled at both ends, in 25- or 50-foot lengths.
Electric. 20 cts. per ft.

Thorburn Standard. 5-ply, 12 cts. per ft.
X. 6-ply, 14 cts. per ft.
XX. 7-ply, 16 cts. per ft.
XXX. Best red, 7-ply, 18 cts. per ft.

Bucket Spray Pump

Made of brass; easily operated; throws a solid stream 50 feet. Provided with combination nozzle and sprinkler for flowers. 8-foot extension for spraying large trees, 60 cts. extra. Also valuable for washing windows. Price, $3.75.

"Auto-Spray" Pump

Self-operating, durable, easy to carry and to work. Made of galvanized iron or brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. Price, with brass tank and stop-cock nozzle, $7.50; with galvanized iron tank and stop-cock nozzle, $5.00; with either kind of tank fitted with auto-pop nozzle, 50 cts. extra. Brass extension pipe, 2 feet, 45 cts. extra. "Auto-Pop" nozzle, if sold alone, $1.50.

The "Velvetlawn" Grass Seeder

18 inches wide

The "Velvetlawn" Grass Seeder puts the seed into the soil where birds, wind and rain cannot get at it. Operator can drill any quantity of seed desired, and as the seed is all planted at an even depth in the ground, uniform growth is assured. Price $15, net cash.

Water Ballast Roller

Oue- or two-section "Water Weight" Rollers, without counterbalancing handle-weights.

No.	Diam. in.	Length in.	Sections	Weight empty, lbs.	Weight filled with water, lbs.	Weight filled with sand, lbs.	Price
3	14	20	1	60	200	300	$8 00
5	18	24	1	75	300	500	10 00
7	24	24	1	125	500	800	12 00
11	18	24	2	100	300	500	13 00
13	24	32	2	170	650	1,000	17 00

If handle-weight is desired, add $1.50 to above prices.

Index

	Page
Abrus	32
Abutilon	32
Acacia	32
Acanthus	31
Achillea	31
Aconitum	31
Adonis	31
Allium	15
Alyssum	31
Amaryllis	16
American Wood Lily, or Indian Shamrock	27, 28
Anemone, or Windflower	16, 31
Anomatheca	29
Anthericum	29
Antholyza	29
Apios	29
Aquilegia	31
Arabis	31
Arum	17
Asparagus	32
Babiana	29
Begonia	32
Begonia, Tuberous-rooted	17
Bleeding Heart	29
Bocconia	31
Brodiæa	17
Bulbocodium	29
Calampelis	31
Calla	26
Callirhoe	31
Calochortus	17, 18
Camassia	29
Campanula	30, 31
Candytuft	31
Carnation	32
Centaurea	31
Chionodoxa	29
Cineraria	32
Clematis	29
Clianthus	32
Colchicum	29
Coleus	32
Convallaria	15
Cooperia	29
Coreopsis	31
Corydalis	29
Crinum	19
Crocosmia	29
Crocus	18
Crown Imperials	18, 19
Cyclamen	19
Daffodils	11
Daisy	31
Darlingtonia	29
Delphinium	31
Dicentra	29
Dictamnus	31
Dog's-tooth Violets	20
Echinops	31
Eranthis	29
Eremurus	19, 20
Erythronium	20
Eschscholtzia	31
Eucharis	29
Fertilizers	35, 36
Fleur-de-lis	22
Flower Seeds for Frames and Greenhouses	32
Flower Seeds, Hardy,	31, 32
Forget-me-not	31
Foxglove	31
Freesia	20
Fritillaria	18, 19, 20
Fuchsia	32
Funkia	29
Gaillardia	31
Galanthus	27
Galega	31
Genista	32
Geranium	29
Gladiolus	21
Gloxinia	21
Godetia	31
Grape Hyacinths	24
Grass Seed for Autumn Sowing, 2d cover.	
Hæmanthus	29
Heliotrope	32
Helleborus	31
Hemerocallis	29
Heuchera	31
Hollyhock	31
Horticultural Implements, etc.	36, 37
Hyacinths	3-5
Hyacinthus	30
Impatiens	32
Incarvillea	30
Insecticides and Remedies for Plant Diseases	34, 35
Iris	22, 23
Ixia	23
Jonquils	12
Lachenalia	23
Lavatera	31
Leucojum	30
Lilies	13, 14
Lily, Chinese Sacred	15
Lily-of-the-Valley	15
Linaria	31
Lobelia	32
Lupinus	31
Lychnis	31
Mandevillea	32
Mariposa Lily, or Butterfly Tulip	17
Maurandya	32
Mignonette	32
Miscellaneous Bulbs and Roots	28, 29, 30
Montbretia	24
Muscari	24
Mushroom Spawn	34
Narcissus	10, 11, 12
Nerine	24
Œnothera	30
Ornithogalum	30
Oxalis	24
Pæonies	25, 30
Pancratium	30
Pansy	32, 33
Phlox	25, 31
Polyanthus	32
Poppy	32
Primula	32
Pueraria	32
Pyrethrum	32
Ranunculus	26
Richardia	26
Sanguinaria	30
Scabiosa	32
Schizostylis	30
Scilla	26
Snapdragon	32
Snowdrops	27
Sparaxis	30
Spiræa, or Astilbe	27
Stevia	32
Stocks	32
Stokesia	32
Sweet Peas	33
Sweet William	32
Tricyrtis	30
Trifolium	32
Trillium	27, 28
Triteleia	30
Tritoma	30
Tritonia	30
Trollius	30
Tropæolum	30
Tuberoses	28
Tulips	6, 10
Tydæa	30
Vegetable Seeds	34
Vinca	32
Wallflower	32
Watsonia	30
Zephyranthes	30

OCT 4 - 1915

J. M. THORBURN AND COMPANY

53 BARCLAY ST. THROUGH TO 54 PARK PLACE

NEW YORK